

PURCHASING DEPARTMENT DIVISION OF BUDGET & FINANCE

PUR-1577

ADDENDUM NO. 2 INVITATION TO BID

WASHINGTON COUNTY PUMP STATION UPGRADES

DATE: Tuesday, November 8, 2022

BIDS DUE: Wednesday, November 16, 2022 2:00 P.M.(EDT/EST)

To Bidders:

This Addendum is hereby made a part of the Contract Documents on which all bids will be based and is issued to correct and clarify the original documents.

Please acknowledge receipt of this Addendum at the appropriate space on the Proposal Form. This Addendum consists of five (5) pages and two (2) attachments.

NOTE: All Bidders must enter the Washington County Administration Complex through either the front door at the 100 West Washington Street entrance or through the rear entrance (w/blue canopy roof) which is handicap accessible and must use the elevator to access the Purchasing Department to submit their bid and/or to attend the Pre-Bid Conference. Alternate routes are controlled by a door access system. The general public will be subject to wand search and will be required to remove any unauthorized items from the building prior to entry. Prohibited items include but are not limited to: Weapons of any type; Firearms, ammunition and explosive devices; Cutting instruments of any type - including knives, scissors, box cutters, work tools, knitting needles, or anything with a cutting edge, etc.; Pepper spray, mace or any other chemical defense sprays; and Illegal substances.

ITEM NO. 1: Inquiry: Please reference page 20 of Attachment A – Technical Specifications. The first paragraph states that all work within Washington County Public Right-of-Way shall be completed in accordance to the conditions listed on the special utility installation permit issued by Washington County. Please provide a copy of this permit for reference during the bidding process.

<u>Response</u>: A copy of the Maryland Department of Transportation (MDOT) SHA Utility Permits for proposed crossings at Routes MD 58 and US 40 and Utility Permit General Provisions are included as Attachment A to this Addendum.

ITEM NO. 2: <u>Inquiry</u>: Please reference the new 16" force main on drawings C-104 to C-105, C-119, and C-122 to C-123. The force main alignment is shown to be in direct conflict with

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existing overhead poles and telephone boxes. Please detail how the Contractor is to approach resolving these conflicts.

<u>Response</u>: All work related to the sewer main is to be performed within the County's right-of-way. For forcemain alignment shown on Drawings C-104 and C-105, it is the intent that proposed FM from STA. 4+50 to 22+90 be installed in place of existing FM to be removed. Existing FM location in this area is approximate and should be field verified by Contractor prior to initiating the work. Roadway restoration may be required. For forcemain alignment shown on Drawings C-119, C-122 and C-123, conflicts with existing utilities are anticipated and forcemain routing shown has been developed to minimize conflicts to the extent possible.

ITEM NO. 3: <u>Inquiry</u>: Please reference drawing C-122. Please confirm the 6" flushing connection at STA 89+69 is to be installed in the road.

<u>Response</u>: Flushing connection referenced should be installed within the County's Right of Way and outside of the roadway.

ITEM NO. 4: <u>Inquiry</u>: Please confirm if the 16" force mains may be installed using the horizontal directional drill method.

Response: Means and methods of construction are determined by the contractor.

ITEM NO. 5: Inquiry: To minimize in ditch fusing during the force main construction process, please confirm if a restrained coupling such as a Hymax Grip coupling maybe be used to connect sections of HDPE pipe together, and also connect ductile iron pipe to HDPE pipe.

<u>Response</u>: In accordance with Specification Section 200-001 Paragraph B.1., HDPE pipe shall be butt-welded to provide a watertight seal. Connections of dissimilar pipe types shall be flange adaptors with metal back-up rings but may not be mechanical compression or clamp-style fittings.

ITEM NO. 6: Inquiry: Please reference page 97 of Attachment A – Technical Specifications and specific manhole callouts on drawings C-110 to C-112 and C-124. The drawings and specifications specify to install various manholes and all wet wells with an HDPE liner, please confirm whether a spray in the field epoxy liner may be used in lieu of a factory installed HDPE liner.

<u>Response</u>: Manholes noted, and all wet wells shall have an HDPE liner. Spray on epoxy liners in the field shall not be permitted.

ITEM NO. 7: <u>Inquiry</u>: Please reference page 50 of Attachment A – Technical Specifications, specification 201.I.A. Please confirm if the contractor is to stake out all right-of-way, property corners, and easements adjacent to the sewer construction as specified.

<u>Response</u>: Contractor shall perform stakeout for all right-of-way, property corners and easements adjacent to sewer main construction in accordance with the specification. Contractor shall replace any surveyed markers that are disturbed during construction.

ITEM NO. 8: <u>Inquiry</u>: Please refence page 148 of Attachment A – Technical Specifications, specification 200-002.D. Please confirm if the contractors' 3rd party inspector shall inspect all pipe trenches before placement of pipe.

<u>Response</u>: The County's inspector will inspect all pipe trenches before placement of pipe and/or backfilling of trenches. Third party inspection is not required.

ITEM NO. 9: <u>Inquiry</u>: Please refence page 148 of Attachment A – Technical Specifications, specification 200-002.D. The specification notes that the contractors' 3rd party inspector shall be a registered professional engineer, please confirm if it is acceptable that the onsite inspector is a certified soils technician who's reports are reviewed by an offsite registered professional engineer as is typical.

<u>Response</u>: The Contractor's third-party inspector shall be a registered professional engineer and a certified soils technician.

ITEM NO. 10: <u>Inquiry</u>: Please reference page 149 of Attachment A – Technical Specifications, specification 200-002.F. The second paragraph under this section specifies a heavy timber shaft shall be used inside of the jacking pit, please confirm if the jacking shafts may be constructed of materials other than heavy timbers such as trench boxes and pit boxes as typical within the trench shoring industry.

Response: Certified trench boxes can be used in lieu of heavy timber.

ITEM NO. 11: <u>Inquiry</u>: Please reference page 209 of Attachment A – Technical Specifications, specification 303.D.2. Please confirm if PVC electrical conduit may be used for underground conduits in lieu of metallic conduit.

<u>Response</u>: PVC schedule 40 conduit is acceptable for direct bury applications as shown on Contract Drawings.

ITEM NO. 12: <u>Inquiry</u>: Please reference sheet S-103. Please confirm if a precast valve vault may be used in lieu of a cast-in place structure.

<u>Response</u>: A pre-cast valve vault in lieu of cast-in-place structure shown on Drawing S-103 is acceptable, provided the pre-cast structure is certified by a Maryland Professional Engineer.

ITEM NO. 13: <u>Inquiry</u>: Please reference drawing C-101 and C-126. The Farm Lane PS site plan shows two force main pipes coming in to the valve vault and two force main pipes leaving the valve vault however, the valve vault detail on C-126 shows two coming in and one leaving the vault. Please clarify the piping configuration of the Farm Lane PS

valve vault.

<u>Response</u>: Drawings C-101 and C-126 show two (2) proposed force main pipes entering the proposed valve vault (8" DIP), and one pipe (8" DIP) exiting the vault. In addition, C-101 shows an existing FM that will be removed/abandoned in place as noted on the drawings for installation of the proposed valve vault. Note there is also an existing 1" water line in the area of proposed valve vault that will require relocation.

ITEM NO. 14: <u>Inquiry</u>: Please reference note 4 on detail S-7.2A on drawing C-506. Please confirm if all interior piping is to be ductile iron as noted on the detail or if it is to be HDPE.

Response: Interior piping shall be ductile iron as shown.

ITEM NO. 15: <u>Inquiry</u>: Please reference detail S-7.2A on drawing C-506. It appears from the detail that there is to be a 16" plug valve installed upstream and downstream of each air release manhole. Please confirm this is correct.

<u>Response</u>: Confirmed. Plug valves shall be installed as shown in detail noted and on forcemain routing profile sheets throughout drawing set.

ITEM NO. 16: *Inquiry:* Please confirm if all 60" manholes are to include aluminum grating as noted on standard detail SW-2.11.

<u>Response</u>: All 60" dia. manholes will not be required to have aluminum grating as required on County Standard Detail SW-2.11.

ITEM NO. 17: <u>Inquiry</u>: Please reference drawing C-110. Please confirm if manhole EX MH 15-1151 is to be replaced with a new precast manhole. If so, it appears the invert of the 8" line coming from the Northeast will be about 6' higher than the invert out.

<u>Response</u>: As shown on Drawing C-109 and C-110, existing MH 15-1151 and existing 8" inv. in (1127) to remain. Existing 8" inv. in (1152) to be removed. Upon further review by Engineer, proposed 8" inv. out to be raised to el. 576.46. Size, type and slope of gravity sewer installed between MH 15-1151 and MH 15-1152 to remain as specified in Contract Drawings. Proposed 8" inv in. at MH 15-1152 to be raised to el. 576.39 and installed with inside drop manhole based on County Standard Detail S-2.12.

As a note, proposed MH 15-1151 8" inv. out noted as 570.00 on Drawing C-109 and proposed 15" inv. in noted on G-002 and C-110 are to be disregarded.

ITEM NO. 18: <u>Inquiry</u>: Please confirm if this manhole is to have an inside drop and if the manhole is to have a liner.

<u>Response</u>: For existing MH 15-1151, inside drop and liner are not required in the Contract Documents.

ITEM NO. 19: <u>Inquiry</u>: I was hoping to obtain a list of the planholders for the Pump station Upgrades project that is currently out to bid. Please contact me with any questions.

I wanted to make you aware Polyethylene (PE) Pipe's applications and sustainability. PE Pipe is used in low pressure sewer laterals & mains, sanitary sewer force mains, potable water laterals & mains, intakes & outfalls, natural gas & propane laterals & mains, directional drilling, pipebursting, sliplining and more.

Response: A plan holders list is included as Attachment B to this Addendum.

PE pipe will not be an acceptable alternative.

ITEM NO. 20: Inquiry: Spec 303-O states that "the contractor shall include in his bid all fees, aid to construction and other charges levied by Potomac Edison Company". Can you please provide contact information and the work order #s so we can reach out to the utility company? Without the work order #s we will not be able to obtain costs.

<u>Response</u>: Work requests W001579522587 (Farm Lane Pump Station) and W001579786936 (New Regional Pump Station) were submitted by the Engineer during design phase for establishment of new electrical service at the respective pump stations. Engineer coordinated with contact Charles Barger (email).

ITEM NO. 21: <u>Inquiry</u>: There are 9 Air Release Valve assemblies on this project. Harco can offer a solution/option to a metallic riser assembly.

The Harco Riser Assembly also offers a compression fitting that would make it very user friendly for the removal and maintenance of the Air Release valve.

<u>Response</u>: The proposed Air Release is not acceptable as it does not match the Air Releases we have standardized on.

ITEM NO. 22: <u>Inquiry</u>: I am writing to ask for your assistance in obtaining the plan holders list for Washington Co. projects that are out for bid. Pump station Upgrades Bid Date: 21 November

Response: The plan holders list is included as Attachment B to this Addendum.

By Authority of:

Rick F. Curry, CPPO Director of Purchasing

(NOTE: The wording of all "Inquiries" submitted are displayed exactly as received.)



DIVISION OF PERMITS AND INSPECTIONS

UTILITY PERMIT SPECIFICATIONS AND PERMIT APPLICATION

Application Fee: \$25.00 (Make check payable to: Washington County Treasurer).

Bond: A Utility Installation Bond is required. The standard amount is \$2,500 and subject to increase depending on the scope of work as determined by the Washington County Division of Engineering.

<u>Drawings:</u> All work shall be done in accordance with the Standards and Specifications for Public Works Construction, latest edition, and with drawings approved by the Division of Engineering as part of this permit issuance.

*Open Cut/Trenching: Under NO circumstances will open cut or trenching be permitted within the County right-of-way without the express written permission of the Division of Permits and Inspections. Any open cut or trenching must be patched in accordance with DPW Standard Detail UP-1.01, the specifications listed below, and Permittee's responsibility under the Washington County Division of Public Works Policy for Utility Construction within the County Public Right-of-Way (DPW-2).

<u>Drainage</u>: Existing drainage along and within a County Right-of-Way shall not be disturbed. The Permittee will assume the responsibility for damages to adjoining property which may be the result of any changes to the present drainage conditions and agrees to hold Washington County harmless from any action resulting from changes and hereby agrees to indemnify Washington County against any and all claims resulting from this activity.

Maintenance of Traffic: Permittee shall comply with all applicable provisions of the Maryland <u>Manual</u> of Uniform Traffic Control Devices, Streets and Highways, latest edition.

<u>Pedestrians:</u> Provisions must be made for pedestrians to utilize the area without entering onto the pavement, where applicable.

<u>Motor Vehicles</u>: Normal traffic along a County Right-of-Way shall be maintained at all times, using signs, flashers, barricades, flagmen, etc. All required signs shall be placed prior to construction or placement of any equipment or materials on site.

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<u>Use of Explosives:</u> Use of explosives shall be permitted only where necessary and as such, a minimum charge shall be used. The Permittee shall comply with applicable State regulations.

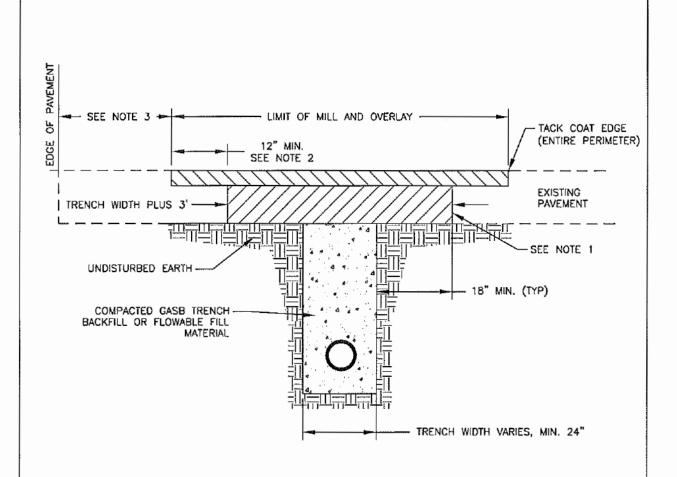
<u>Curbing/Sidewalk:</u> Permittee shall maintain sidewalk, curbing, mailboxes, pavement and drainage systems in the vicinity of the work area. Any damage to existing curbing and sidewalks shall be repaired or replaced to the satisfaction of the Washington County Division of Permits and Inspections at the sole expense of the Permittee.

Miscellaneous:

- a. Forty-eight (48) hours prior to beginning construction, the Permittee must notify the Division of Permits and Inspections of the intent to begin the proposed work. Failure to make the appropriate notification shall be just cause to issue a "stop work order" until the appropriate inspections can be arranged
- b. The Permittee must contact Miss-Utility at 1-800-257-7777, a minimum of forty-eight (48) hours prior to beginning any work. No obstruction shall be placed on or within a Washington County right-of-way without the written permission of the Division of Permits and Inspections, or its duly authorized agent. Violators shall be liable to prosecution for committing a misdemeanor.
- c. All open cut trenches and excavations in the paved section of roadway must be backfilled and capped with bituminous concrete cold mix or steel-plated at the end of the work day. If an open cut area is intended to be open for five (5) or more calendar days, the open cut trench shall be separated for moving traffic by concrete barriers or filled to within two (2) inches of the adjacent pavement surface throughout its entire length. Whenever concrete barriers are used to protect a work area, a Division of Permits and Inspections approved MOT plan is required.
- d. All mud and debris tracked and/or spilled on the County road shall be removed promptly by the Permittee to eliminate potential hazards. Permittee shall keep the adjacent and adjoining roadways clean and free of soil, dirt and other debris at all times during the construction.
- e. Pads must be used on all backhoe outriggers. No equipment with cleat wheels or tracks is permitted on the existing paved roadway surface. Any damage to existing pavements caused by cleats or tracks shall be repaired by the Permittee.
- f. The Permittee and their agents shall wear reflective safety vests on the job site at all times. When the MOSH/OSHA regulations require the creation of an excavation safety plan, the plan shall be submitted with and form a part of the supporting documentation for the application.
- g. The Permittee is responsible for being familiar with the limits of the County right-of-way. It is the responsibility of the Permittee to make his agent or contractor familiar with the terms of the permit and this application.
- h. Starting of work within the County right-of-way, or any occupancy thereof, including ingress and egress, by the Permittee and/or their agents, constitutes full acceptance of all the terms of the permit and this application. Failure to comply with any of the terms of the permit constitutes a violation of the entire permit and may result in the termination thereof and denial of access until such time as the terms are complied with. Failure to comply may also result in the County making repairs at Permittee's expense, or by the County taking action on the Utility Installation Bond.
- All materials used for utility construction within the public right-of-way shall conform to the Standards and Specifications, MDOT - SHA, latest edition and the Standards and Specifications for Public Works Construction, Washington County, MD, latest edition.
- j. Permittee shall replace/install or compensate the County for any permanent traffic control markings damaged by the work and/or repairs to traffic signals/detection systems.
- k. Permittee shall maintain accessibility to any fire hydrants in the vicinity of the work area during construction.
- 1. Permittee shall maintain accessibility to any driveway, commercial or private, in the vicinity of the work area.
- m. This permit will expire six (6) months from the date of permit issuance. Failure to complete the work within the specified time frame will be just cause to require the Permittee to reapply.
- n. No work on holidays and weekends shall occur unless an exception is granted in writing by the Division of Permits and Inspections.

Additional Provisions: Additional provisions may apply. All work shall be done in accordance with the latest adopted edition of the Washington County Standards and Specifications for Public Works Construction, the Washington County Division of Public Works Policy for Utility Construction within the County Public Right-of-Way (DPW-2), and with the engineering drawings approved by the Division of Engineering as part of this permit issuance.

<u>Inspection:</u> All work shall be subject to inspection by the Washington County Division of Permits and Inspections.



- 1. Existing pavement shall be milled or saw cut full depth where the limits of mill and overlay meet existing pavement.
- 2. For longitudinal and transverse cuts, the limits of the perimeter mill and overlay shall extend a minimum of 12" beyond the full depth patch boundary.
- When the distance the edge of existing pavement to the edge of new asphalt base is 3 feet or less, the existing pavement shall be removed and replaced to the edge of existing pavement.
- 4. For longitudinal trenches, when the width of the limit of mill and overlay exceeds 50% of the total roadway width, the limit of mill and overlay shall be widened to the full width of the road, edge of pavement to edge of pavement.
- 5. All milling shall be a minimum of 2" in depth.
- 6. Hot mix asphalt (HMA) surface shall be placed to a depth equal to the depth of existing surface or 2" minimum, whichever is greater. HMA base shall be a depth equal to the depth of existing base or 6", whichever is greater. All HMA shall be compacted to an in-place density of 92 to 97 percent of the maximum specific gravity.
- 7. Trench backfill beneath the pavement layer shall be compacted graded aggregate subbase (GASB) to 95 percent of the maximum dry density per AASHTO T-99. Prior and during compaction, moisture of fill material shall be maintained within 2% of optimum. The fill shall be placed and compacted in horizontal layers not to exceed 8" in thickness (loose). GASB shall conform to the requirements of the latest edition of MD SHA Standards and Specifications for Construction and Materials. Flowable fill material may also be used when the depth of fill is < 5 feet and advanced approval is obtained by the Division of Public Works.</p>
- 8. All compaction work shall be performed using equipment such as sheepsfoot rollers or pneumatic and/or viobatory plate type compaction equipment. Backfill material shall be placed evenly structures and shall be free of boulders, frozen lumps or foreign/organic matter that could cause hard spots or decompose creating voids.
- 9. Where cave-ins under existing asphalt pavement occur, the existing pavement shall be saw-cut 18" beyond the limit of the cave-in. The requirements of note 3 shall be enforced as the trench boundary expands.
- 10. The Division of Public Works may require an independent testing lab to confirm compaction performance.

Revised	Washington County, MD	UTILITY PATCH IN FLEXIBLE	Detail
	Division of Public Works	ASPHALT PAVEMENT	UP-1.01
Approved	Approved: Director of Public Works		



UTILITY PERMIT APPLICATION

Utility Installation Permit is required for any work performed on a County Road or Right-of-Way Job Location/Subdivision Name: Owner's Name: Applicant/Utility Company Name: Phone: Address: Contractor's Name: Phone: Address: Contact Person: Proposed Work (attach a drawing showing location and extent of work) Description of Work: Scope of Work Requested Method of Installation: No. of Linear Feet: No. of Open Cuts: Open Cut____ Bore___ Trench____ Sizes of Cuts: No. of Test Pits: Duration of Work: _____Calendar Days No. of Road Bores: No. of Services: Anticipated Starting Date: Other: ____ Applicant's Acknowledgment: The information I have provided on this application is true and correct to the best of my knowledge. I have ready and fully understand the requirements of the attached Utility Permit Specifications and the latest adopted edition of the Washington County Standards and County Specifications for Public Works Construction, the Washington County Division of Public Works Policy for Utility Construction within the Public right-of-Way (DPW-2). All work shall be done in accordance with the latest adopted edition of the Washington County Standards and Specifications for Public Works Construction, the Washington County Division of Public Works Policy for Utility Construction within the County Public right-of-Way (DPW-2), and in accordance with the engineering drawings approved by the Division of Engineering as part of this permit issuance. I will notify the Washington County Division of Permits and Inspections (240-313-2460) 24 hours in advance of starting any work covered under the permit. Date Applicant's Signature

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Company Name	Contact Name	Contact Title	P.O. Box	Physical Address	Phone	FAX	Email
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				COLUMBIA, MD			
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ARM GROUP	DOUGLAS HAMILTON	SR PROJECT MANAGER		US	(443) 255-1633		dhamilton@armgroup.net
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Bear Contracting, LLC	Eric Sprouse	Bid Coordinator	110	26301 6 US	(304) 326-0160	(304) 326-0054	estimating@bear-contracting.com
bear contracting, LLC	Life Sprouse	Bid Coordinator	113	123 kent street	(304) 320-0100	(304) 320-0034	estimating@bear-contracting.com
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Blue Ridge Fence LLC	Calob Harshman	Manager		21740 US	(301) 302-5410		blueridgefence1@gmail.com
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C. William Hetzer, Inc.	Tony Kerns	President		US	(130) 173-3730		estimating@cwilliamhetzer.com
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Callas Contractors, Inc.	Tina Rhodes	Estimating Coordinator		21740-1755 US	(301) 992-1206		trhodes@callascontractors.com
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Conewago Enterprises, Inc.	Brandi Barna	Estimating Administrative Assistant		US	(717) 632-7722		bbarna@conewago.com
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Construct Connect	Catie Macuna	Content Specialist		US	(513) 458-8576		catie.macuna@constructconnect.com
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				Cary, NC 27518			
Construction Bid Source	Cindy Poliachik	Publishing Consultant		US	(888) 786-9450		cpoliachik@constructionbidsource.com
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Dodge	Dodge data	Dodge		US	(877) 784-9556		dodge.docs@construction.com
1							

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Envirep, Inc	Ginny Summers	Bid Administrator	US 3705 Trindle Road Camp Hill, PA 17011	(717) 761-788	4	gsummers@envirep.com
Envirep, Inc.	William Hesse	Inside Sales Engineer	US 13900 Lowe Street Chantilly, VA 20151	(717) 761-788	4	whesse@envirep.com
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Garney Construction	Marissa Vona Cowan	Estimating Coordinator	US 17163 Lappans Road road Hagerstown, MD 21740	(703) 794-619	4	mvona@garney.com
Greenridge Contractors Incorporated	christopher Teague	president	US 1750 West College Avenue State College, PA 16801	(240) 446-129	8	chris.teague@greenridgeinc.com
HRI, Inc.	Lonnie Nolen	Chief Estimator	US 21536 Chewsville Road Smithsburg, MD 21783	(814) 278-695	6	lnolen@hriinc.com
Huntzberry Brothers, Inc.	Randy Hixon	Project Manager/Estimator	US 945 Hornblend St san diego, CA 92109	(301) 739-803	6	randy@huntzberrybrothers.com
ims	bid research	Washington County Pump Station Upgrades	US 6994 Columbia Gateway Drive Ste 200 Columbia, MD 21046	(858) 490-880	0	ims@construction.com
Kiewit	Tina Chism	Office Manager	US 12001 Guilford Road Annapolis Junction, MD 20707	(443) 733-157	0	tina.chism@kiewit.com
Kokosing Construction	Bonnie Williams	Estimating	US 169 ebony rd ebensburg, PA 15931	(301) 575-984	0	bwilliams@kokosing.biz
LB Water	CJ Boxler	Estimator	US	(814) 471-198	0	charles.boxler@lbh2o.com

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Maverick Construction LLC	Jeremy Regan	Principal		US	(404) 971-0264		jregan@maverickregan.com
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				Baltimore, MD			
				21237			
Mech	Michelle Vaultz	Estimating Assistant		US	(410) 866-4900		estimating@mechcont.com
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				New York, NY			
				10065-6013			
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				21074			
Micro-Tech Designs, Inc.	Josh Whitney	Estimator		US	(410) 239-2885		josh.whitney@microtechdesigns.com
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				Littlestown, PA			
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Monacacy Valley Electric Inc	Brandon Griffith	Estimator		US	(717) 359-9500		bgriffith@monacacy.com
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Prime Vendor Inc.	Kim Jones	sad		US	(222) 222-2222		primevendor123@gmail.com
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Riordan Materials Corp	Thomas Rainier	Vice President		US	(141) 044-0441		trainier@riordanmat.com
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