



DEPARTMENT OF FINANCE  
Oscar Knott CPP, CPPO, VCO  
Purchasing Director

December 8, 2021

**ADDENDUM NO. 1**

**INVITATION FOR BID: #21-2248-11LOC**

**SUBJECT: Best Management Practices (BMP) Services of Storm Water Facilities and Related Landscaping**

Gentlemen/Ladies:

Please make the following changes, corrections, additions or deletions to the above referenced Invitation for Bid:

This IFB and any addenda are available on eVA at <https://eva.virginia.gov/> and the County of Henrico website at: <https://henrico.us/finance/divisions/purchasing/>.

**The time and date for receipt of bids is changed to December 14, 2021 at 2:30 pm, local prevailing time. All bids will be opened and publicly read aloud.**

**Add the following to section I.C.:**

3. HCPS authorized representative will work with the Successful Bidder(s) to coordinate Best Management Practices (BMP) Services of storm water facilities and related landscaping. It is imperative the Successful Bidder work with HCPS authorized representation to coordinate these services.
4. The Successful Bidder(s) shall prepare and submit to HCPS authorized representative for approval, a detailed written Estimate/Proposal with the description of work to be performed, the man hours, labor rate(s), and the equipment, parts, materials, and components which will be required to perform the services. Services shall be performed only after receipt of written authorization to proceed from the HCPS authorized representative.

**Remove the following from page 3, section I.C.1.:**

- s) Monitoring of dry ponds and bio-retention areas for a 72-hour duration following rainfall to verify water level draw down and proper function of facilities.

**See attached REVISED BID FORM PRICING SCHEDULE, Excel Document**

**See attached Questions and Answers.**

**See attached List of Locations and types of BMPs.**

Please acknowledge the receipt of Addendum No. 1 dated December 8, 2021 with your Bid Form when returning your bid package. **Failure to acknowledge this addendum may result in your bid being declared non-responsive.**

Unless otherwise changed by an addendum, all other general terms, conditions and specifications will remain the same.

Very truly yours,

Oscar Knott, CPP, CPPO, VCO  
Purchasing Director

Leisel O. Collins, CPPB, VCO, VCA  
Assistant Division Director  
804-501-5687  
[Col119@henrico.us](mailto:Col119@henrico.us)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Date

**IFB #21-2248-11LOC**  
**BEST MANAGEMENT PRACTICES (BMP) SERVICES OF**  
**STORM WATER FACILITIES AND RELATED LANDSCAPING**

**Questions and Answers**

- Q1. Will the County allow the use of subcontractor for Category 3A, Ornamental Pest Control, Category 3B Turf, and Category 6 Right-of Way Pest Control related work?**
- A1. Yes. Bidders must provide subcontractor information with their bid submission.
- Q2. If the bidder does not hold a VA Pesticide Business License or Commercial Pesticide Applicator certificate but an intended subcontractor holds the license/certificate and will be performing the work, is this acceptable?**
- A2. Yes. Bidder must provide subcontractor information with their bid submission.
- Q3. Is there an estimated annual dollar amount the County is anticipating to allocate towards this contract?**
- A3. No.
- Q4. If the bidder's principal office location is outside of the County, are we required to have a County business license prior to submitting a bid?**
- A4. See section II.L.
- Q5. Please confirm an engineered traffic control plan will not be required by the contractor.**
- A5. Successful Bidder(s) shall be required to obtain permission from either VDOT or Henrico County Traffic Engineering if traffic will be impacted (i.e. Godwin HS BMP is along Gaskins Road). If the BMP requires excavation, equipment will have to be located on Gaskins Road adjacent to the BMP causing that one lane to be blocked off.
- Q6. How will the contractor be paid if monitoring ponds for 72 hours after rainfall events is needed?**
- A6. See attached Addendum No. 1.
- Q7. A "special permit" is listed as a potential requirement if gas powered equipment is utilized for Glen Allen HS protected areas. Please clarify if the contractor or the County is responsible for obtaining this permit? If the contractor, please provide additional details.**
- A7. Successful Bidder(s) shall obtain all permits and the County's department will reimburse the Successful Bidder(s) for the cost of permit to work on County's project. Henrico County Dept of Public Works is the contact for this permit. If battery or human powered equipment is used there is no permit requirement to access the BMP area.

**Q8. Permits & fees are listed as requirements of the contract. Please clarify which (if any) permits & fees will be required of the contractor? If the responsibility of the contractor, may a miscellaneous line item be added for hourly permitting services + reimbursement fee?**

A8. See A7 above.

**Q9. Filter replacements of proprietary BMP's are listed as a scope service. Prices of various filters or other replacement parts & freight vary. Will the County agree to a cost-plus agreement if proprietary replacements are needed?**

A9. The County will reimburse the Successful Bidder the cost of parts, materials, and components at their cost.

**Q10. Repair of culverts, pipes, mechanical components, etc. are listed as a scope services but there are no materials listed for these types of repairs. Will the County agree to a cost-plus agreement if materials needed for repairs are required?**

A10. The County will reimburse the Successful Bidder the cost of parts, materials, and components at their cost.

**Q11. Are all material bid items representative of the material only? i.e. labor & equipment will be paid for separately for placement?**

A11. See revised Bid Form, Pricing Schedule.

**Q12. Is sales tax applicable for the materials listed on the pricing schedule? Or will these materials be considered "real property"?**

A12. See section II.GG.

**Q13. Will any travel or mobilization time be paid?**

A13. Time spent for transportation of workers, material acquisition, handling and delivery, or for movement of Successful Bidder's owned or rental equipment is not chargeable directly but is overhead and the cost shall be included in the Unit Price.

**Q14. Vacuum sweeping of permeable surfaces is listed as a scope service, but an equipment line item is not provided. Is the intent to use the "tractor with power broom" for this service? If a walk behind leaf vac style machine is needed, may a pricing line item be added for this task?**

A14. See item number 14 on the revised Bid Form, Pricing Schedule for vacuum truck price. The process used by the Successful Bidder(s) for vacuum sweeping is their responsibility.

**Q15. Larger equipment (over 10,000 LBS) will require lowboy trailers to move equipment in and out of project sites. May a pricing line item be added for this task?**

A15. Cost for material acquisition, handling and delivery, or movement of Successful Bidder's owned or rental equipment is not chargeable directly but is overhead and the cost shall be included in the Unit Price.

**Q16. Removal of oil layer from permanent pools, storm filters, etc. will require specialty permitted vacuum trucks and separate disposal costs. May a pricing line item be added for these tasks?**

A16. See Revised Bid Form, Pricing Schedule.

**Q17. Can the County provide a list of all the locations and types of BMP's?**

A17. See attached.

**Q18. What if written permission of private property easements are not granted by the landowner?**

A18. Successful Bidder(s) shall notify HCPS Facility Manager for resolution.

**Q19. Can the County provide a list of all the approved pesticides and herbicides? What amounts of each product if numerous products will be used?**

A19. See section I.D.1. and I.D.3. Chemical "...must be in compliance with all State & Federal rules, local laws, ordinances and regulations...".

**Q20. How often do Pesticides and Herbicides need to be applied?**

A20. As needed.

**Q21. Pricing Schedule Items #1 through #20, which hourly rates will not include the operator/driver's rate?**

A21. All equipment listed in items #1 through #21 that require an operator shall include cost of an operator.

**Q22. Pricing schedule item #6 and #7 (Bucket Clamshell): is the intent of this item to be used on a crane or an excavator?**

A22. The used of these equipment shall be the responsibility of the Successful Bidder(s).

**Q23. Pricing schedule item #8 (Crane, 6,000 LB): please confirm the lift capacity of 6,000 LB is correct. A "crane" of this size is typically seen on service trucks and may not be suitable for lifting things such as pre-cast concrete structures.**

A23. The lift capacity is correct.

**Q24. Pricing schedule item #11 (Tractor with Power Broom): will a skid steer with broom attachment be allowed instead of a tractor?**

A24. The equipment listed is the requested equipment. Successful Bidder may use a skid steer instead of a tractor at their discretion.

- Q25. On the Pricing Schedule, which type of work and materials will items #12 & #13 (Single/Tandem Axle Dump Truck) be used for?**
- A25. Removal and supply of materials necessary for BMPs for repair or maintenance.
- Q26. Pricing schedule item #12 - #14 (Trucks): please confirm all on-site time and time spent traveling to dump locations or importing material will be paid.**
- A26. One charge for delivery and removal of materials.
- Q27. Pricing schedule item #15 (Work Boat) (#16 on revised Pricing schedule): is it to be assumed public boat launch access will be provided? The launch area could potentially be far from the work area. Please confirm all time spent traveling by water using the boat will be paid.**
- A27. BMPs are accessed from HCPS property. There is no lengthy access from waterways. We have used Jon boats taken to the BMP from the school parking lot.
- Q28. Pricing schedule item #20 (Slope/Ditch Mower) (#21 on revised Pricing schedule): may the articulated arm attachment be mounted to a track excavator instead of a tractor?**
- A28. The equipment listed is the requested equipment. Successful Bidder may use a track excavator instead of a tractor at their discretion.
- Q29. Pricing Schedule Items #21 through #28 which hourly rates will not include an operators rate?**
- A29. See Revised Bid Form, Pricing Schedule.
- Q30. Pricing schedule item #36 (Permanent Seed), (#33 on revised Pricing schedule): is the price to assume the material is being applied via the hydroseeding or broadcast spread method?**
- A30. The method shall be in accordance with the specifications of VA DEQ. If non is specified, the method shall be the responsibility of the Successful Bidder(s).
- Q31. Pricing schedule item #39 (Geotextile), (#36 on revised Pricing schedule): please specify if the materials is nonwoven, woven, and a spec.**
- A31. The method shall be in accordance with the specifications of VA DEQ. If non is specified, the method shall be the responsibility of the Successful Bidder(s)
- Q32. Pricing schedule item #43 (Turbidity Curtain), (#40 on revised Pricing schedule): please specify a maximum depth to be assumed and whether the curtain should be permeable or impermeable.**
- A32. The method shall be in accordance with the specifications of VA DEQ. If non is specified, the method shall be the responsibility of the Successful Bidder(s)

**Q33. Pricing schedule item #45 (Off-site Dredged Material), (#42 on revised Pricing schedule): may this line item also be used for vacuumed material disposal?**

A33. Yes.

**Q34. Pricing schedule item #51 (Pesticides), (#48 on revised Pricing schedule): pricing varies between pesticide types. May further clarifying info be provided?**

A34. See section I.D.1. and I.D.3. Chemical "...must be in compliance with all State & Federal rules, local laws, ordinances and regulations..."

**LIST OF LOCATIONS AND TYPES OF BMPs**

<b>Facility ID</b>	<b>Type of BMP (Spec #)</b>	<b>Last Action Date</b>	<b>Facility Locations</b>
BMP00125	50/10 Underground (6)	12/9/2019	Brookland Middle School - 01
BMP00126	Filterra (215)	12/9/2019	Brookland Middle School - 02
BMP00127	Filterra (215)	12/9/2019	Brookland Middle School - 03
BMP00128	Filterra (215)	12/9/2019	Brookland Middle School - 04
BMP00129	Filterra (215)	12/9/2019	Brookland Middle School - 05
BMP00130	Filterra (215)	12/9/2019	Brookland Middle School - 06
BMP00131	Filterra (215)	12/9/2019	Brookland Middle School - 07
BMP00132	Filterra (215)	12/9/2019	Brookland Middle School - 08
BMP00133	Filterra (215)	12/9/2019	Brookland Middle School - 09
BMP00134	Filterra (215)	12/9/2019	Brookland Middle School - 10
BMP00135	Filterra (215)	12/9/2019	Brookland Middle School - 11
BMP00262	Extended Detention Basin (15)	12/27/2019	Crestview Elementary - 01
BMP00263	Bioretention Basin/Trench (10)	12/27/2019	Crestview Elementary - 02
BMP01984	50/10 Underground (6)	9/4/2019	Crestview Elementary Parking Lot Underground
BMP01705	Dry Swale 2 (151)	12/27/2019	Davis Elementary - 01
BMP01990	50/10 Underground (6)	11/6/2019	Douglas Freeman HS Practice Field Improvements Underground
BMP00334	Bioretention Basin/Trench (10)	12/27/2019	Dumbarton Elementary School - 01
BMP00335	Bioretention Basin/Trench (10)	12/27/2019	Dumbarton Elementary School - 02
BMP00336	Stormwater360 (235)	12/27/2019	Dumbarton Elementary School - 03
BMP00770	Extended Detention Basin (15)	12/27/2019	Echo Lake Elementary - 01
BMP00363	50/10 Underground (6)	12/9/2019	Fairfield Middle School - 01
BMP00425	Extended Detention Basin (15)	12/2/2019	George Baker Elementary - 01
BMP01874	50/10 Basin (5)	1/15/2020	Glen Allen Elementary Dry Detention 2
BMP01873	50/10 Basin (5)	1/15/2020	Glen Allen Elementary School Dry Detention 1
BMP00531	Extended Detention Basin (15)	12/27/2019	Glen Allen High School No. 1 - 01
BMP00532	Extended Detention Basin (15)	12/27/2019	Glen Allen High School No. 1 - 03



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BMP00533	Extended Detention Basin (15)	12/27/2019	Glen Allen High School No. 1 - 04
BMP00534	Extended Detention Basin (15)	12/27/2019	Glen Allen High School No. 1 - 05
BMP00535	Extended Detention Basin (15)	12/27/2019	Glen Allen High School No. 1 - 06
BMP00536	Extended Detention Basin (15)	12/27/2019	Glen Allen High School No. 1 - 07
BMP00447	Extended Detention Basin (15)	12/27/2019	Godwin High School - 01
BMP00771	Extended Detention Basin (15)	12/27/2019	Greenwood Elementary #6 - 01
BMP00772	Extended Detention Basin (15)	12/27/2019	Greenwood Elementary #6 - 02
BMP00339	Bioretention Basin/Trench (10)	12/2/2019	Harvie Elementary - 01
BMP00340	Bioretention Basin/Trench (10)	12/2/2019	Harvie Elementary - 02
BMP00341	Extended Detention Basin (15)	12/2/2019	Harvie Elementary - 03
BMP01395	Stormfilter (220)	12/9/2019	Henrico High School - Additions and Renovations -04
BMP01392	Stormfilter (220)	12/9/2019	Henrico High School -01
BMP01393	Stormfilter (220)	12/27/2019	Henrico High School -02
BMP01394	Stormfilter (220)	12/27/2019	Henrico High School -03
BMP01939	Permeable Pavement 1 (135)	1/8/2020	Henrico High School Athletic Field Artificial Turf
BMP00511	Retention Basin (Wet Pond) (30)	12/2/2019	Henry Ward Elementary - 01
BMP00513	Extended Detention Basin (15)	12/27/2019	Hermitage High School - 01
BMP01290	Bioretention Basin/Trench (10)	12/27/2019	Holman Middle School - 01
BMP01291	Bioretention Basin/Trench (10)	12/27/2019	Holman Middle School - 02
BMP01292	Retention Basin (Wet Pond) (30)	12/27/2019	Holman Middle School - 03
BMP00774	Extended Detention Basin (15)	12/27/2019	Hungry Creek Middle School #1 - 01
BMP00589	Stormwater360 (235)	12/27/2019	Johnson Elementary School - 01
BMP01693	Dry Swale 2 (151)	12/27/2019	Longan Elementary - 01
BMP00681	Grassed Swale (20)	12/27/2019	Maybeury Elementary - 01
BMP01430	Infiltration Basin/Trench (25)	12/27/2019	Maybeury Elementary - 02
BMP01431	Filtrerra (215)	12/2/2019	Mehfoud Elementary School - 01
BMP01432	Filtrerra (215)	12/2/2019	Mehfoud Elementary School - 02
BMP01850	50/10 Basin (5)	APPROVED FOR CONSTRUCTION	Pemberton Elementary School Classroom and Parking Addition - 01

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BMP01676	50/10 Underground (6)	12/27/2019	Pinchbeck Elementary
BMP00847	Extended Detention Basin (15)	12/27/2019	Pocahontas Middle School - 01
BMP00871	Extended Detention Basin (15)	12/27/2019	Ratcliffe Elementary School - 01
BMP01727	Stormwater360 (235)	12/27/2019	Ridge Elementary School - 01
BMP00773	Extended Detention Basin (15)	12/27/2019	Rivers Edge Elementary #7 - 01
BMP01937	Grassed Swale (20)	12/2/2019	Sandston Elementary Swale
BMP00949	Extended Detention Basin (15)	12/27/2019	Short Pump Elementary - 01
BMP01000	Extended Detention Basin W/A Shallow Marsh (16)	12/27/2019	Springfield Elementary - 01
BMP01819	50/10 Underground (6)	10/25/2019	Tuckahoe Middle School Renovations - 01
BMP01820	50/10 Underground (6)	10/25/2019	Tuckahoe Middle School Renovations - 02
BMP01821	50/10 Underground (6)	1/16/2020	Tuckahoe Middle School Renovations - 03
BMP01482	Infiltration Basin/Trench (25)	12/27/2019	Tucker High - 01
BMP01483	Infiltration Basin/Trench (25)	12/27/2019	Tucker High - 02
BMP01484	Infiltration Basin/Trench (25)	12/27/2019	Tucker High - 03
BMP01197	50/10 Underground (6)	12/27/2019	Tucker High School Parking - 01
BMP01224	Extended Detention Basin (15)	12/2/2019	Varina High School - 01
BMP01225	Extended Detention Basin (15)	12/2/2019	Varina High School - 02
BMP01573	Extended Detention Basin (15)	12/2/2019	Varina High School - Field Track
BMP01572	50/10 Underground (6)	12/2/2019	Varina High School - Renovations 02
BMP01226	Stormwater360 (235)	12/2/2019	Varina High School Renovation
BMP01341	Extended Detention Basin (15)	12/9/2019	Wilder Middle School - 01

**Facilities and Addresses:**

<b>Facility Locations</b>	<b>Addresses</b>
<b>Brookland Middle School</b>	9200 Lydell Drive, Henrico, VA 23228
<b>Crestview Elementary School</b>	1901 Charles Street, Henrico, VA 23226
<b>Davis Elementary School</b>	8801 Nesselwood Drive, Henrico, VA 23229
<b>Douglas Freeman High School</b>	8701 Three Chopt Road, Henrico, VA 23229
<b>Dumbarton Elementary School</b>	9000 Hungary Spring Road, Henrico, VA 23228
<b>Echo Lake Elementary School</b>	5200 Francistown Road, Glen Allen, VA 23060
<b>Fairfield Middle School</b>	5121 Nine Mile Road, Henrico, VA 23223
<b>George Baker Elementary School</b>	6651 Willson Road, Henrico, VA 23231
<b>Glen Allen Elementary School</b>	11101 Mill Road, Glen Allen, VA 23060
<b>Glen Allen High School</b>	10700 Staples Mill Road, Glen Allen, VA 23060
<b>Godwin High School</b>	2101 Pump Road, Henrico, VA 23238
<b>Greenwood Elementary School</b>	10960 Greenwood Road, Glen Allen, VA 23059
<b>Harvie Elementary School</b>	3401 Harvie Road, Henrico, VA 23223
<b>Henrico High School</b>	302 Azalea Ave. Henrico, VA 23227
<b>Henry Ward Elementary School</b>	3400 Darbytown Road, Henrico, VA 23231
<b>Hermitage High School</b>	8301 Hungary Spring Road, Henrico, VA 23228
<b>Holman Middle School</b>	600 Concourse Blvd., Glen Allen, VA 23059
<b>Hungry Creek Middle School</b>	4909 Francistown Road, Glen Allen, VA 23060
<b>Johnson Elementary School</b>	5600 Bethlehem Road, Henrico, VA 23230
<b>Longan Elementary School</b>	9500 Norfolk Street, Glen Allen, VA 23060
<b>Maybeury Elementary School</b>	901 Maybeury Drive, Henrico, VA 23229
<b>Mehfoud Elementary School</b>	8320 Buffin Road, Henrico, VA 23231
<b>Pemberton Elementary School</b>	1400 Pemberton Road, Henrico, VA 23238
<b>Pinchbeck Elementary School</b>	1275 Gaskins Road, Henrico, VA 23238
<b>Pocahontas Middle School</b>	12000 Three Chopt Road, Henrico, VA 23233
<b>Ratcliffe Elementary School</b>	2901 Thalen Street, Henrico, VA 23223
<b>Ridge Elementary School</b>	8910 Three Chopt Road, Henrico, VA 23229

<b>Rivers Edge Elementary School</b>	11600 Holman Ridge Road, Glen Allen, VA 23059
<b>Sandston Elementary School</b>	7 Naglee Avenue, Sandston, VA 23150
<b>Short Pump Elementary School</b>	3425 Pump Road, Henrico, VA 23233
<b>Springfield Elementary School</b>	4301 Fort McHenry Parkway, Glen Allen, VA 23060
<b>Tuckahoe Middle School</b>	9000 Three Chopt Road, Henrico, VA 23229
<b>Tucker High School</b>	2910 Parham Road, Henrico, VA 23294
<b>Varina High School</b>	7053 Messer Road, Henrico, VA 23231
<b>Wilder Middle School</b>	6900 Wilkinson Road, Henrico, VA 23227