



Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
**Master Agreement**

Order Date: 01-22-2026

CORRECT ORDER NUMBER MUST  
 APPEAR ON ALL PACKAGES, INVOICES,  
 AND SHIPPING PAPERS. QUESTIONS  
 CONCERNING THIS ORDER SHOULD BE  
 DIRECTED TO THE DEPARTMENT  
 CONTACT.

Order Number:	CMA 0313 0313 DEP2600000010 1	Procurement Folder:	1828241
Document Name:	Continuous Particulate Matter Beta Attenuation Mass Monitors	Reason for Modification:	
Document Description:	Continuous Particulate Matter Beta Attenuation Mass Monitors		
Procurement Type:	Central Master Agreement		
Buyer Name:			
Telephone:			
Email:			
Shipping Method:	Best Way	Effective Start Date:	2026-02-01
Free on Board:	FOB Dest, Freight Prepaid	Effective End Date:	2027-01-31

VENDOR		DEPARTMENT CONTACT	
Vendor Customer Code:	000000230863	Requestor Name:	Jessica S Chambers
MET ONE INSTRUMENTS INC 200 NE GREENFIELD RD		Requestor Phone:	(304) 414-1140
GRANTS PASS OR 97526		Requestor Email:	jessica.s.chambers@wv.gov
US			
Vendor Contact Phone:	541-471-7111 Extension:		
<b>Discount Details:</b>			
	<b>Discount Allowed</b>	<b>Discount Percentage</b>	<b>Discount Days</b>
#1	No	0.0000	30
#2	No		0
#3	No		0
#4	No		0

**2026**  
 FILE LOCATION

INVOICE TO	SHIP TO
ENVIRONMENTAL PROTECTION DIVISION OF AIR QUALITY 601 57TH ST SE CHARLESTON WV 25304 US	ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV 25304 US

1/28/26 60

Total Order Amount:	Open End
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Purchasing Division's File Copy

*JAS 1-23-26*  
**PURCHASING DIVISION AUTHORIZATION**  
 DATE: *1/27/2026*  
 ELECTRONIC SIGNATURE ON FILE

**ATTORNEY GENERAL APPROVAL AS TO FORM**  
 DATE: *1/30/2026*  
 ELECTRONIC SIGNATURE ON FILE

**ENCUMBRANCE CERTIFICATION**  
*Cady Rose*  
 DATE: *1-30-26*  
 ELECTRONIC SIGNATURE ON FILE

*1/30/2026*

**Extended Description:**

The vendor, Met One Instruments Inc., agrees to enter into this contract with the agency, The West Virginia Department of Environmental Protection, Division of Air Quality for Continuous Particulate Matter Beta Attenuation Mass Monitors and Supplies, per the specifications, terms and conditions, and the vendors submitted bid response dated 11/19/2025, all incorporated herein by reference and made a part hereof.

Line	Commodity Code	Manufacturer	Model No	Unit	Unit Price
1	41110000			EA	0.000000
	<b>Service From</b>	<b>Service To</b>		<b>Service Contract Amount</b>	
				0.00	

**Commodity Line Description:** Continuous Particulate Matter Beta Attenuation Mass Monitors

**Extended Description:**

## **GENERAL TERMS AND CONDITIONS:**

**1. CONTRACTUAL AGREEMENT:** Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.

**2. DEFINITIONS:** As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.

**2.1. "Agency" or "Agencies"** means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.

**2.2. "Bid" or "Proposal"** means the vendors submitted response to this solicitation.

**2.3. "Contract"** means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.

**2.4. "Director"** means the Director of the West Virginia Department of Administration, Purchasing Division.

**2.5. "Purchasing Division"** means the West Virginia Department of Administration, Purchasing Division.

**2.6. "Award Document"** means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.

**2.7. "Solicitation"** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

**2.8. "State"** means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.

**2.9. "Vendor" or "Vendors"** means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.



**Fixed Period Contract with Renewals:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within \_\_\_\_\_ days. Upon completion of the work covered by the preceding sentence, the vendor agrees that:

the contract will continue for \_\_\_\_\_ years;

the contract may be renewed for \_\_\_\_\_ successive \_\_\_\_\_ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's Office (Attorney General approval is as to form only).

**One-Time Purchase:** The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.

**Construction/Project Oversight:** This Contract becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as \_\_\_\_\_), and continues until the project for which the vendor is providing oversight is complete.

**Other:** Contract Term specified in \_\_\_\_\_

**4. AUTHORITY TO PROCEED:** Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

**5. QUANTITIES:** The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below.

**Open End Contract:** Quantities listed in this Solicitation/Award Document are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown.

**Service:** The scope of the service to be provided will be more clearly defined in the specifications included herewith.

**Combined Service and Goods:** The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith.

**One-Time Purchase:** This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office.

**Construction:** This Contract is for construction activity more fully defined in the specifications.

**6. EMERGENCY PURCHASES:** The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute a breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One-Time Purchase contract.

**7. REQUIRED DOCUMENTS:** All of the items checked in this section must be provided to the Purchasing Division by the Vendor as specified:

**LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

**8. INSURANCE:** The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether that insurance requirement is listed in this section.

Vendor must maintain:

**Commercial General Liability Insurance** in at least an amount of: 1,000,000 per occurrence.

**Automobile Liability Insurance** in at least an amount of: \_\_\_\_\_ per occurrence.

**Professional/Malpractice/Errors and Omission Insurance** in at least an amount of: \_\_\_\_\_ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

**Commercial Crime and Third Party Fidelity Insurance** in an amount of: \_\_\_\_\_ per occurrence.

**Cyber Liability Insurance** in an amount of: \_\_\_\_\_ per occurrence.

**Builders Risk Insurance** in an amount equal to 100% of the amount of the Contract.

**Pollution Insurance** in an amount of: \_\_\_\_\_ per occurrence.

**Aircraft Liability** in an amount of: \_\_\_\_\_ per occurrence.

**9. WORKERS' COMPENSATION INSURANCE:** Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.

**10. VENUE:** All legal actions for damages brought by Vendor against the State shall be brought in the West Virginia Claims Commission. Other causes of action must be brought in the West Virginia court authorized by statute to exercise jurisdiction over it.

**11. LIQUIDATED DAMAGES:** This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

\_\_\_\_\_ for \_\_\_\_\_.

Liquidated Damages Contained in the Specifications.

Liquidated Damages Are Not Included in this Contract.

**12. ACCEPTANCE:** Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.

**13. PRICING:** The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

**14. PAYMENT IN ARREARS:** Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

**15. PAYMENT METHODS:** Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

**16. TAXES:** The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.

**17. ADDITIONAL FEES:** Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia, included in the Contract, or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

**18. FUNDING:** This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

**19. CANCELLATION:** The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules § 148-1-5.2.b.

**20. TIME:** Time is of the essence regarding all matters of time and performance in this Contract.

**21. APPLICABLE LAW:** This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code, or West Virginia Code of State Rules is void and of no effect.

**22. COMPLIANCE WITH LAWS:** Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.

**SUBCONTRACTOR COMPLIANCE:** Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

**23. ARBITRATION:** Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

**24. MODIFICATIONS:** This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.

**25. WAIVER:** The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

**26. SUBSEQUENT FORMS:** The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.

**27. ASSIGNMENT:** Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments.

**28. WARRANTY:** The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.

**29. STATE EMPLOYEES:** State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.

**30. PRIVACY, SECURITY, AND CONFIDENTIALITY:** The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in [www.state.wv.us/admin/purchase/privacy](http://www.state.wv.us/admin/purchase/privacy).

**31. YOUR SUBMISSION IS A PUBLIC DOCUMENT:** Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

**DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.**

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

**32. LICENSING:** In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.

**SUBCONTRACTOR COMPLIANCE:** Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

**33. ANTITRUST:** In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

**34. VENDOR NON-CONFLICT:** Neither Vendor nor its representatives are permitted to have any interest, nor shall they acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency.

**35. VENDOR RELATIONSHIP:** The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

**36. INDEMNIFICATION:** The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.

**37. NO DEBT CERTIFICATION:** In accordance with West Virginia Code §§ 5A-3-10a and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State. By submitting a bid, or entering into a contract with the State, Vendor is affirming that (1) for construction contracts, the Vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

**38. CONFLICT OF INTEREST:** Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.

**39. REPORTS:** Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.

Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at [purchasing.division@wv.gov](mailto:purchasing.division@wv.gov).

**40. BACKGROUND CHECK:** In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

**41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS:** Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
  1. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
  2. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

**42. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL:** In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a “substantial labor surplus area”, as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

**43. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE:** W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the Vendor must submit to the Agency a disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

**44. PROHIBITION AGAINST USED OR REFURBISHED:** Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

**45. VOID CONTRACT CLAUSES:** This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

**46. ISRAEL BOYCOTT:** Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) David Gilmore

(Address) 200 NE Greenfield Rd, Grants Pass, OR 97526

(Phone Number) / (Fax Number) 541.471.7111 X 421 / 541.471.7115

(email address) david.gilmore@acoem.com

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Met One Instruments, Inc.

(Company) \_\_\_\_\_

  
(Signature of Authorized Representative) \_\_\_\_\_

David W Gilmore

(Printed Name and Title of Authorized Representative) (Date) \_\_\_\_\_

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## Continuous Particulate Matter Beta Attenuation Mass Monitors and Supplies

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### SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Department of Environmental Protection (WVDEP), Division of Air Quality, to establish an open-end contract for continuous particulate matter beta attenuation mass monitors and supplies.
2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
  - 2.1 **“Contract Item” or “Contract Items”** means the list of items identified in Section 3.1 below and on the Pricing Pages.
  - 2.2 **“Pricing Pages”** means the schedule of prices, estimated order quantity, and totals contained in wvOASIS or attached hereto as Exhibit A, and used to evaluate the Solicitation responses.
  - 2.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
  - 2.4 **“AC”** means alternating current, an electric current that reverses its direction many times a second at regular intervals.
  - 2.5 **“BGI VSCC”** means a BGI VSCC™ Very Sharp Cut Cyclone as approved by the United States Environmental Protection Agency per Automated Equivalent Method EQPM-0308-170 in the “List of Designated Reference and Equivalent Methods.”
  - 2.6 **“ ° C”** means degree Celsius or centigrade, a measurement of temperature.
  - 2.7 **“Class III Equivalent Method”** per EPA’s definition at 40 CFR 53, means an equivalent method for PM2.5 or PM10-2.5 that is an analyzer capable of providing PM2.5 or PM10-2.5 ambient air measurements representative of one-hour or less integrated PM2.5 or PM10-2.5 concentrations as well as 24-hour measurements determined as, or equivalent to, the mean of 24 one-hour consecutive measurements.
  - 2.8 **“EPA”** means the United States Environmental Protection Agency.
  - 2.9 **“Federal Equivalent Method (FEM)”** per EPA’s definition means a method for measuring the concentration of an air pollutant in the ambient air that has been designated as an equivalent method in accordance with 40 CFR Part 53. it does not

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include a method for which an equivalent method designation has been canceled in accordance with § 53.11 or § 53.16.

**2.10** “**Federal Reference Method (FRM)**” per EPA’s definition means a method of sampling and analyzing the ambient air for an air pollutant that is specified as a reference method in an appendix to part 50 of chapter 40, or a method that has been designated as a reference method in accordance with 40 CFR Part 53; it does not include a method for which a reference method designation has been canceled in accordance with § 53.11 or § 53.16.PM2.5.

**2.11** “**List of Designated Reference and Equivalent Methods**” means the most recent list provided by United States Environmental Protection Agency list in accordance with 40 CFR 53 at [https://www.epa.gov/system/files/documents/2025-06/amtic-list-june-2025\\_final-508-compliant.pdf](https://www.epa.gov/system/files/documents/2025-06/amtic-list-june-2025_final-508-compliant.pdf), and attached as Exhibit B.

**2.12** “**PM10-2.5**” per EPA’s definition, means particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers and greater than a nominal 2.5 micrometers as measured by a reference method based on appendix O to part 50 of chapter 40, and designated in accordance with 40 CFR 53 or by an equivalent method designated in accordance 40 CFR 53.

**2.13** “**PM2.5**” per EPA’s definition means particulate matter with an aerodynamic diameter less than or equal to a nominal 2.5 micrometers as measured by a reference method based on appendix L of part 50 of chapter 40, and designated in accordance with part 53 of this chapter, by an equivalent method designated in accordance with part 53, chapter 40, or by an approved regional method designated in accordance with appendix C to 40 CFR 53.

**2.14** “**RH**” means Relative Humidity, expressed as a percentage, indicates a present state of absolute humidity relative to a maximum humidity given at the same temperature.

**2.15** “**V**” means volts, a unit of electric potential.

### 3. GENERAL REQUIREMENTS:

**3.1 Contract Items and Mandatory Requirements:** Vendor shall provide Agency with the Contract Items listed below on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below.

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### 3.1.1 Portable, Self-Contained (BAM 1022 or Equal) for Continuous PM2.5 FEM

**3.1.1.1** Must meet United States Environmental Protection Agency (EPA) Class III equivalent method EQPM-1013-209 for continuous monitoring of suspended particulate matter of 2.5 micrometers in diameter (PM2.5) in ambient air by beta attenuation meeting Federal Equivalent Method (FEM) status as defined in EPA List of Designated Reference and Equivalent Methods, June 15, 2025,

[https://www.epa.gov/system/files/documents/2025-06/amtic-list-june-2025\\_final-508-complaint.pdf](https://www.epa.gov/system/files/documents/2025-06/amtic-list-june-2025_final-508-complaint.pdf) (Exhibit B) Must meet MetOne Instruments Model BAM 1022 or equal.

**3.1.1.2** Monitor must be capable of providing continuous PM2.5 data with sample reporting times of 1 minute, 15 minutes, 30 minutes and 1 hour.

**3.1.1.3** Monitor must be capable of running in ambient conditions, specifically must be functional in high ambient temperatures and relative humidity.

**3.1.1.3.1** Operating Temp Range: between a minimum -30° C to an upper limit minimum of +50° C.

**3.1.1.3.2** Operating Humidity Range: between a minimum 0% RH to an upper minimum of 90% RH or above, non-condensing.

**3.1.1.3.3** Must not require collocation with air-conditioning unit in order to function.

**3.1.1.3.4** Must be functional in humid environments without the risk of condensation forming in sample lines.

**3.1.1.4** Monitor must be self-contained: must not require installation within a secondary shelter. Self-containment must protect the instrument from natural elements such as weather. Monitor containment must provide complete, sustained protection by preventing any water or moisture from entering, even in heavy downpours.

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- 3.1.1.5 Monitor must include internal temperature control to maintain the sensor at a constant operating temperature within a minimum of 5 degrees and a maximum of 10 degrees above ambient temperature.
- 3.1.1.6 Monitor must be portable enough to meet the following:
  - 3.1.1.6.1 Must be able to be located on a rooftop or ground-level.
  - 3.1.1.6.2 Must be able to be moved by 1-2 people (90 lb or less fully assembled) without requiring disassembly.
- 3.1.1.7 Monitor must use a glass fiber filter tape for sample measurements.
- 3.1.1.8 Monitor must be equipped with a BGI very sharp cut cyclone (VSCC) particle size separator or equal.
- 3.1.1.9 The volumetric flow rate, measured or averaged over intervals of not more than 5 minutes over a 24-hour period, shall not vary more than  $\pm 5$  percent from the specified 16.67 L/min flow rate over the entire sample period (per 40 CFR 50, Subpart L, 7.4.3.1).
  - 3.1.1.9.1. This equates to a minimum of 15.84 liters per minute, and a maximum of 17.50 liters per minute, over a 24-hour period.
- 3.1.1.10 Monitor must include an ambient temperature, barometric pressure and relative humidity sensor(s).
- 3.1.1.11 Monitor must use a touchscreen interface and be compatible with Agilaire datalogger models 8864 or 8872.
- 3.1.1.12 Each monitor must come with a calibration certificate.
- 3.1.1.13 Each monitor must have a two-year extended warranty from date of acceptance which consists of complete coverage of system onsite, parts, and labor.

### 3.1.2 BAM 1020 or Equal for Continuous PM<sub>2.5</sub> or PM<sub>10</sub> FEM

- 3.1.2.1 Must meet United States Environmental Protection Agency (EPA) Automated Equivalent Method EQPM-0308-170 for continuous monitoring of suspended particulate matter of 2.5 micrometers in diameter (PM<sub>2.5</sub>) in ambient air by beta attenuation, using a very sharp cut cyclone (VSCC), as defined in EPA List of Designated Reference and Equivalent Methods, June 15, 2025, [https://www.epa.gov/systems/files/documents/2025-06/amtic-list-june-2025\\_final-508-compliant.pdf](https://www.epa.gov/systems/files/documents/2025-06/amtic-list-june-2025_final-508-compliant.pdf) (Exhibit

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B) Monitor must be able to operate in FEM status for both PM2.5 and PM10 (not simultaneously). Must meet MetOne Instruments Model BAM 1020 or equal.

3.1.2.2 Monitor must be capable of providing continuous PM2.5 data or PM10 data with sample reporting time of 1 hour.

3.1.2.3 Monitor must be capable of running in ambient conditions, specifically must be functional in high ambient temperatures and relative humidity.

**3.1.2.3.1** Operating temp Range: between a minimum -30° C to +50° C or above.

**3.1.2.3.2** Operating Humidity Range: between a minimum 0% RH to an upper minimum of 90% RH or above, non-condensing.

3.1.2.4 Monitor must include internal temperature control to maintain the sensor at a constant operating temperature within a minimum of 5 degrees and a maximum of 10 degrees above ambient temperature.

3.1.2.5 Monitor must be portable enough to meet the following:

**3.1.2.5.1** Must be able to be moved by 1-2 people (50 lb or less) without requiring disassembly.

**3.1.2.5.2** Must be functional in humid environments without risk of condensation forming in sample lines.

3.1.2.6 Monitor must use a glass fiber filter tape for sample measurements.

3.1.2.7 Monitor must be equipped with a BGI very sharp cut cyclone (VSCC) particle size separator or equal.

3.1.2.8 The volumetric flow rate, measured or averaged over intervals of not more than 5 minutes over a 24-hour period, shall not vary more than  $\pm 5$  percent from the specified 16.67 L/min flow rate over the entire sample period (per 40 CFR 50, Subpart L, 7.4.3.1).

3.1.2.8.1. This equates to a minimum of 15.84 liters per minute, and a maximum of 17.50 liters per minute, over a 24-hour period.

3.1.2.9 Monitor must include an ambient temperature, barometric pressure and relative humidity sensor(s).

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- 3.1.2.10 Monitor must use a touchscreen interface and be compatible with Agilaire datalogger models 8864 or 8872.
- 3.1.2.11 Each monitor must come with a calibration certificate.
- 3.1.2.12 Each monitor must have a two-year extended warranty from date of acceptance which consists of complete coverage of system onsite, parts, and labor.

### 3.1.3 Supplies

3.1.3.1 These supplies shall be provided according to the contract terms and conditions contained in the table below, and noted in the Exhibit A Pricing Page. Supplies must be compatible with the BAM1022 or equal, or with the BAM 1020 or equal, or both.

<b>Continuous Particulate Matter Beta Attenuation Mass Monitors - Supplies</b>	
<b>Product Code or equal</b>	<b>Description</b>
460180	Filter tape, glass fiber, 25M long, 30MM wide (may be used for BAM 1022 or BAM 1020)
82044	Replacement pump assembly, MEDO, 120V, BAM 1022 or equal (spare pumps)
680839	Pump Rebuild Kit (MEDO) for BAM 1022 or equal
680828	Gast Pump rebuild Kit for BAM 1020 or equal
460134	BX-302 zero filter calibration kit
BX-126 (order with BAM 1020)	Pump, Medo 115 VAC±10% 60 HZ (replacement for BAM 1020 pump)
SWIFT 25.0	Multi-Function Flow Meter
30030-1	Spare circuit boards for BAM 1022 or equal (Core Processor PCBA) for BAM 1022 or equal
82970-1	Spare I/O wiring panel, PCBA for BAM 1022 or equal
580345	Filter, vacuum line
7440	Rubber Leak Test Nozzle Seal Tool
9122	O-Ring Kit, Inlet tube receiver and nozzle
80324	Internal flow sensor
BX-344	BAM Inlet Cleaning Kit

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- 3.1.4 Two sets of manuals (styled: Instruction Manual, Operator's Manual, Operation and Service Manual, etc.) must accompany each monitor. The manuals will include complete operating instructions, circuit descriptions, theory of operation, location of controls and switches, software commands, maintenance and service instructions. The manual will also include schematic diagrams, pneumatic flow charts, lists of commonly replaced parts, warnings and safety precautions.
- 3.1.5 In-house training for WVDEP Division of Air Quality staff must be provided at no additional costs for maintenance and diagnostic repair.
- 3.1.6 Technical support must be available for WVDEP Division of Air Quality staff between the hours of 8 a.m. and 5 p.m. Eastern Standard Time (EST) during regular business days, Mondays through Fridays, via both telephone access and electronic mail (e-mail).

### 4. CONTRACT AWARD:

- 4.1 **Contract Award:** The Contract is intended to provide Agencies with a purchase price on all Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages.
- 4.2 **Pricing Pages:** Vendor must complete the Pricing Page (Exhibit A), and provide pricing for each item number (unit price), as well as a total for the estimate quantify of parts listed (total cost per item), and the total bid amount. Vendor must complete the Pricing Page in its entirety as failure to do so may result in Vendor's bids being disqualified.

The Pricing Page must contain a list of the Contract Items and estimated purchase volume. The estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

- 4.2.1 Bids must include estimated shipping and freight charges to 601 57<sup>th</sup> Street, SE, Charleston, WV 25304 on the Exhibit A Pricing Page. All shipping and freight charges will be paid based on actual expenses.

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### 5. ORDERING AND PAYMENT:

- 5.1 Ordering:** Vendor shall accept orders through wvOASIS, regular mail, facsimile, e-mail, or any other written form of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.
- 5.2 Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

### 6. DELIVERY AND RETURN:

- 6.1 Delivery Time:** Vendor shall deliver standard orders within 60 working days after orders are received. Vendor shall deliver emergency orders within 30 working day(s) after orders are received for monitors, and within 5 working days for supplies. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.
- 6.2** Equipment shall be shipped Freight on Board/Free on Board (FOB) Destination. The seller shall be responsible for the cost of transporting merchandise to the WVDEP delivery address listed above and the WVDEP Division of Air Quality staff will take delivery of shipped goods once the goods arrive at the WVDEP location.
- 6.3 Late Delivery:** WVDEP Division of Air Quality must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.
- Any Agency seeking to obtain items from a third party under this provision must first obtain approval of the Purchasing Division.
- 6.4 Delivery Payment/Risk of Loss:** Standard order delivery shall be F.O.B. destination to the Agency's location. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

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- 6.5 Return of Unacceptable Items:** If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.
- 6.6 Return Due to Agency Error:** Items ordered in error by the Agency will be returned for credit within 60 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

### **7. VENDOR DEFAULT:**

7.1 The following shall be considered a vendor default under this Contract.

- 7.1.1 Failure to provide Contract Items in accordance with the requirements contained herein.
- 7.1.2 Failure to comply with other specifications and requirements contained herein.
- 7.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
- 7.1.4 Failure to remedy deficient performance upon request.

7.2 The following remedies shall be available to Agency upon default.

- 7.2.1 Immediate cancellation of the Contract.
- 7.2.2 Immediate cancellation of one or more release orders issued under this Contract.

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7.2.3 Any other remedies available in law or equity.

**8. MISCELLANEOUS:**

- 8.1 No Substitutions:** Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.
- 8.2 Vendor Supply:** Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.
- 8.3 Reports:** Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.
- 8.4 Contract Manager:** During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

**Contract Manager:** \_\_\_\_\_  
**Telephone Number:** \_\_\_\_\_  
**Fax Number:** \_\_\_\_\_  
**Email Address:** \_\_\_\_\_

**Exhibit A - Continuous Particulate Matter Beta Attenuation Mass Monitors and Supplies**

The following shall be provided according to the contract terms and conditions contained herein. Price must be provided for all the following in whole. Please note these are estimated quantities and do not reflect any guarantee of purchase. WVDEP DAQ may purchase more or less as needed.

Item	Specification No.	Product Code or equal (1)	(1) Product Code if different	Description	Estimated Quantity	Unit Price	Total Cost Per Item
1	3.1.1	BAM 1022		Continuous PM2.5 OR PM10 BETA ATTENUATION MONITOR - OUTDOOR CONFIGURATION AUTOMATED MEETING EPA FEDERAL EQUIVALENT METHOD (FEM) EQUIVALENT METHOD EQPM-1013-209. With 110 VAC Pump Box. Includes Calibration to Standard. New Calibration Certificate traceable to NIST Standards		\$ 24,700.00	
2	3.1.1	BX-141		110 VAC Pump Box (for BAM 1022 to be FEM complete)		\$ -	
3	3.1.1.13, 3.1.2.12	EXT Warranty		2-Year Extended Warranty from date of acceptance for BAM 1022 or BAM1020. Must consist of complete coverage of system onsite, parts, and labor.		\$ 437.00	
4	3.1.2	BAM 1020		PM2.5 OR PM10 CONTINUOUS BETA ATTENUATION MONITOR - AUTOMATED MEETING EPA FEDERAL EQUIVALENT METHOD (FEM) EQUIVALENT METHOD EQPM-0308-170. Includes Calibration to Standard. New Calibration Certificate traceable to NIST Standards		\$ 20,100.00	
5	3.1.2	PM2.5A-FEM-KIT (order with BAM 1020)		Accessory Kit, FEM PM2.5 BGI Very Sharp Cut Cyclone for PM2.5 OR PM10 CONTINUOUS MONITOR - AUTOMATED MEETING EPA FEDERAL EQUIVALENT METHOD (FEM) EQUIVALENT METHOD EQPM-0308-170. Includes Zero Calibrator with Adaptors (BX-302); Digital Temperature, Relative Humidity, BP combination sensor with 25 foot cable (BX-597A); valve plus HEPA filter (BX-302); 120 Volt, 60 Hertz		\$ 5,900.00	
6	3.1.2	BX-827		Moisture Controlled Inlet Heater, 115V (Smart Heater)		\$ 1,075.00	
7	3.1.2	BX-126		Pump, Medco 115 VAC±10% 60 HZ. This is also the replacement pump for BAM-1020.		\$ 2,100.00	
				<u>Supplies</u>			
8	3.1.3	460180		Filter tape, glass fiber, 25M long, 30MM wide (may be used for BAM 1022 or BAM 1020)		\$ 90.00	
9	3.1.3	82044		Replacement pump assembly, MEDCO, 120V, BAM 1022 or equal (spare pumps)		\$ 1,400.00	
10	3.1.3	680839		Pump Rebuild Kit (MEDCO) for BAM 1022 or equal		\$ 225.00	
11	3.1.3	580828		Gast Pump rebuild Kit for BAM 1020 or equal		\$ 252.00	
12	3.1.3	460134		BX-302 zero filter calibration kit		\$ 360.00	
13	3.1.3	BX-126		Pump, Medco 115 VAC±10% 60 HZ (replacement for BAM 1020 pump)		\$ 2,100.00	
14	3.1.3	SWIFT 25.0		Multi-Function Flow Meter		\$ 3,300.00	
15	3.1.3	30030-1		Spare circuit boards for BAM 1022 or equal (Core Processor PCBA) for BAM 1022 or equal		\$ 1,015.00	
16	3.1.3	82970-1		Spare I/O wiring panel, PCBA for BAM 1022 or equal		\$ 600.00	
17	3.1.3	580345		Filter vacuum line		\$ 20.00	
18	3.1.3	7440		Rubber Leak Test Nozzle Seal Tool		\$ 20.00	
19	3.1.3	9122		O-Ring Kit Inlet tube receiver and nozzle		\$ 35.00	
20	3.1.3	80324		Internal flow sensor		\$ 410.00	
21	3.1.3	BX-		BAM Inlet Cleaning Kit		\$ 125.00	
22	3/1/10	---		In-house training at no additional cost.		\$ -	\$ -
						\$ -	\$ -