



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

State of West Virginia Purchase Order

Order Date: 04-11-2022

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:	CPO 0803 0081 DOT2200000047 1	Procurement Folder:	1022686
Document Name:	FHWA Data Validation Prof Services (81220092)	Reason for Modification:	
Document Description:	FHWA Data Validation Prof Services (81220092)		
Procurement Type:	Central Emergency Purchase		
Buyer Name:	John W Estep		
Telephone:	304-558-2566		
Email:	john.w.estep@wv.gov		
Shipping Method:	Best Way	Effective Start Date:	2022-03-23
Free on Board:	FOB Dest, Freight Prepaid	Effective End Date:	2022-12-31

VENDOR	DEPARTMENT CONTACT																				
Vendor Customer Code: VS0000019738 1SPATIAL INC 8614 WESTWOOD CENTER DR STE 450 VIENNA VA 22182-2278 US Vendor Contact Phone: 512-694-5416 Extension: Discount Details: <table><thead><tr><th></th><th>Discount Allowed</th><th>Discount Percentage</th><th>Discount Days</th></tr></thead><tbody><tr><td>#1</td><td>No</td><td>0.0000</td><td>0</td></tr><tr><td>#2</td><td>Not Entered</td><td></td><td></td></tr><tr><td>#3</td><td>Not Entered</td><td></td><td></td></tr><tr><td>#4</td><td>Not Entered</td><td></td><td></td></tr></tbody></table>		Discount Allowed	Discount Percentage	Discount Days	#1	No	0.0000	0	#2	Not Entered			#3	Not Entered			#4	Not Entered			Requestor Name: Lisa L DiNallo Requestor Phone: 304-352-0540 Requestor Email: lisa.l.dinallo@wv.gov 22 FILE LOCATION _____
	Discount Allowed	Discount Percentage	Discount Days																		
#1	No	0.0000	0																		
#2	Not Entered																				
#3	Not Entered																				
#4	Not Entered																				

INVOICE TO	SHIP TO
STRATEGIC DATA MANAGEMENT & TECHNOLOGY DIVISION DEPT. OF TRANSPORTATION 1900 KANAWHA BLVD E, BLD. 5 RM-720 CHARLESTON WV 25305 US	STRATEGIC DATA MANAGEMENT & TECHNOLOGY DIVISION DEPT. OF TRANSPORTATION 1900 KANAWHA BLVD E, BLD. 5 RM-720 CHARLESTON WV 25305 US

Purchasing Division's File Copy

Total Order Amount: \$118,480.00

ENTERED

PURCHASING DIVISION AUTHORIZATION DATE: <i>Tara By 4/15/2022</i> ELECTRONIC SIGNATURE ON FILE	ATTORNEY GENERAL APPROVAL AS TO FORM DATE: <i>John D. Green</i> ELECTRONIC SIGNATURE ON FILE	ENCUMBRANCE CERTIFICATION DATE: <i>Beverly Tolson 5-4-22</i> ELECTRONIC SIGNATURE ON FILE
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4/19/2022

Extended Description:

Emergency Purchase Order
One Time Purchase

This Purchase Order constitutes the acceptance of a contract made by and between the State of West Virginia and the Vendor 1Spatial Inc. for FHWA Data Validation Prof Services Salt per the Vendors submitted quote, specifications and the Terms and Conditions as attached.

Execution of this agreement by the Purchasing Director, or their designee, constitutes acceptance by those parties of the Terms and Conditions contained in the attached contract documents and binds the Vendor whose signature appears therein to said Terms and Conditions.

FHWA Data Validation - professional services / 1Spatial
Refer to SOW attached

Effective dates: 3/23/2022 - 12/31/2022

Line	Commodity Code	Quantity	Unit	Unit Price	Total Price
1	81110000	0.00000		0.000000	118480.00
Service From	Service To	Manufacturer		Model No	
2022-03-23	2022-12-31				

Commodity Line Description: Data Validation HPMS Services

Extended Description:

See attached SOW

	Document Phase	Document Description	Page 3
DOT2200000047	Draft	FHWA Data Validation Prof Services (81220092)	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:

☒ **Term Contract**

Initial Contract Term: This Contract becomes effective on the effective start date listed on the first page of this Contract and the initial term ends on the effective end date also shown on the first page of this Contract.

Renewal Term: This Contract may be renewed upon the 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 request for renewal should be delivered to the Agency and then submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Unless otherwise specified below, renewal of this Contract is limited to Zero (0) successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. 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)

☐ **Alternate Renewal Term** – This 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)

Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.

☐ **Fixed Period Contract:** This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within _____ days.

☐ **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 maintenance, monitoring, or warranty services will be provided for _____ year(s) thereafter.

☐ **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.

☐ **Other:** _____

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.

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 of 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 below must be provided to the Purchasing Division by the Vendor as specified below.

☐ **BID BOND (Construction Only):** Pursuant to the requirements contained in W. Va. Code § 5-22-1(c), All Vendors submitting a bid on a construction project shall furnish a valid bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

☐ **PERFORMANCE BOND:** The apparent successful Vendor shall provide a performance bond in the amount of 100% of the contract. The performance bond must be received by the Purchasing Division prior to Contract award.

☐ **LABOR/MATERIAL PAYMENT BOND:** The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award.

In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable. Notwithstanding the foregoing, West Virginia Code § 5-22-1 (d) mandates that a vendor provide a performance and labor/material payment bond for construction projects. Accordingly, substitutions for the performance and labor/material payment bonds for construction projects is not permitted.

☐ **MAINTENANCE BOND:** The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.

☐ **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 and must include the State as an additional insured on each policy 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: \$1,000,000.00 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.
- ☒ Certificate Holder should read as follows:
 State of WV
 1900 Kanawha Blvd. E, Bldg 5, Charleston, WV 25305
- ☐
- ☐
- ☐

Notwithstanding anything contained in this section to the contrary, the Director of the Purchasing Division reserves the right to waive the requirement that the State be named as an additional insured on one or more of the Vendor's insurance policies if the Director finds that doing so is in the State's best interest.

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. [Reserved]

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 <http://www.state.wv.us/admin/purchase/privacy/default.html>.

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 CERTIFICATIONS: By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) 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; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein.

Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall 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. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

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. PURCHASING AFFIDAVIT: 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, Vendors are required to sign, notarize, and submit the Purchasing Affidavit to the Purchasing Division affirming under oath that it is not in default on any monetary obligation owed to the state or a political subdivision of the state.

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.

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 supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-award 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.

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.

Sheila Steffenson, CEO

(Name, Title)

Sheila Steffenson, CEO

(Printed Name and Title)

8614 Westwood Center Drive, Suite 450, Vienna, VA 22182

(Address)

210-863-4948

(Phone Number) / (Fax Number)

sheila.steffenson@1spatial.com

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation 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 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 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.

1Spatial Inc.

(Company)

 CEO

(Authorized Signature) (Representative Name, Title)

Sheila Steffenson, CEO

(Printed Name and Title of Authorized Representative)

3/23/22

(Date)

210-863-4948

(Phone Number) (Fax Number)



8614 Westwood Center Dr., Suite 450
Vienna, VA 22182-2278 USA

Phone: 703-444-9488
Fax: 703-444-4922

March 16th, 2022

Michelle Oxley
WV DOT Validations

Executive Summary

1Spatial is pleased to submit this proposed Statement of Work (SOW) to WV DOT in response to the request to assist WV DOT with performing the LRS Data Validation in preparation for the HPMS submission.

1Spatial Summary

1Spatial is a software solutions provider and global leader in managing geospatial data. We work with our clients to deliver real value by making data current, complete and consistent through the use of automated processes - ensuring that decisions are always based on the highest quality information available.

Our unique, rules-based approach delivers enterprise-scale, cross-platform, automation to all stages of the data lifecycle. It builds confidence in the data while reducing the time and cost of stewardship.

Our global clients include utility and telecommunications businesses, national mapping and land management agencies, government departments, emergency services, defense, census bureaus and transportation organizations.

As a leader in our field, we have a wealth of experience and a record of continual innovation and development. We partner with some of the leading technology vendors including Esri, Oracle, and SAP. For more information visit www.1spatial.com.

1Integrate Summary

1Spatial's 1Integrate Commercial off the Shelf (COTS) products stand apart from all other data QA/QC packages for several reasons. The 1Spatial COTS rules engine is unique in its flexibility and configurability to handle a variety of data challenges such as undershoots, overshoots, gaps, overlaps, attribution errors, alignment issues, etc. Our rules-based, automated engine goes beyond just locating errors as it also allows for "action" rules that can automate repairs to the data.

Traditionally, 1Integrate has been used in the following scenarios:

- Validation – rules define how the data should exist. The engine identifies any feature that does not conform to the standard.

- **Correction** – rules define how data should be changed to conform to the standard.
- **Integration** – rules define how data sets should be combined to meet the standard including:
 - **Change detection** – identifying how multiple datasets depict the same location. Changes can be identified between different providers, multiple vintages of the same provider, or multiple vintages from different providers.
 - **Data Integration** – apply changes identified during change detection to update one or more datasets.
 - **Data Fusion** – combining multiple siloed datasets to create a new dataset with information unavailable in an individual silo.
 - **Schema Transformation** – applying rules to transform between schema definitions and identifying what the source does not provide but is needed by the target.

Additionally, 1Integrate utilizes our proprietary object-oriented cache which was developed to handle both large volumes of data as well as complex data processing tasks. The object-oriented nature of the cache provides for scalable performance even when the complexity of the rules or actions increases. 1Integrate leverages the object-orientated cache to provide the flexibility to work with a variety of schemas and file types, making 1Integrate client agnostic.

For these reasons, we are unique in the market and are unaware of any other packages that have all these capabilities without the requirement of custom development by a software engineer.

Project Methodology

1Spatial implements projects using a combination of the IBM Rational Unified Process (RUP) and Agile concepts. RUP consists of 4 phases (Inception, Elaboration, Construction, and Transition).

1. Inception begins with a project kick off and the establishment of project management
2. Elaboration focuses on building out the environment and high-level project design
3. Construction consists of rule and test case authoring
4. Transition focuses on provision of documentation and any remaining project components to the customer

Following Agile processes, weekly sprint meetings will be held with the customer to review:

1. Work completed (may include demonstrations)
2. Issues encountered
3. Plans for the next set of priorities

These weekly meetings may be extended to a bi-weekly basis after the first two weekly meetings if deemed appropriate by all involved.

1Spatial will also conduct daily internal standups with the rule implementation team. The daily standups will focus on similar topics on a smaller scale and members of WV DOT maybe be invited if their input is required.

The following activities & deliverables have been identified for this project:

Project Activities

Inception

1Spatial and WVDOT will conduct a kickoff meeting to introduce both teams and establish communication frequency.

1Spatial will begin to work with the WVDOT IT group to prepare the environment for upgrading 1Integrate during transition. 1Spatial will provide the System Requirements and access to the correct versions of software.

Elaboration

1Spatial and WVDOT will schedule 2 separate 2-hour working sessions to help understand the WVDOT data layers for validation.

The first workshop will focus on the April HPMS Data Items. The second workshop (which could occur after the April HPMS construction phase) will focus on the Jun HPMS Data Items. This includes finalizing the format and schema. 1Spatial is assuming the data is already formatted for the HPMS 9 submission.

Construction

1Spatial will configure a 1Spatial 1Integrate environment to process WVDOT data against the validations. 1Spatial will apply the HPMS validations against the agreed to data.

1Spatial will support 2 validation runs for the April HPMS Data Items and 2 validation runs for the June HPMS Data Items.

After the validations have completed, 1Spatial host up to 4 2-hour workshop to walk through the output file which is a FGDB consisting of Markup geometry that describes the non-conformance. 1Spatial will deliver the FGDB to WVDOT to use to make corrections. The first 2 workshops will focus on the April HPMS Data Items. The third and fourth workshops will focus on the June HPMS Data Items

Optional

1Spatial will create a DQA (Data Quality Assessment) with a summary of the non-conformances for WVDOT to use as a reference for subsequent submittals.

Data Quality Assessment document contains a section for component validated (Routes and Data Items) with the following subsections

- Data Item Summary
- Data Assessment (overall conformance and summary of issues found)

Coverage checks will have their own section with the additional description of the validation.

- Data Items Summary
- Coverage Validation
- Data Assessment

Transition

1Spatial will support WVDOT to configure the rules on the WVDOT environment. This includes

- Install 1Integrate
 - Configuring basic authentication
 - Connect 1Integrate to a database for the repository
 - Installing (updating) FME. WVDOT needs to have their FME License.
- Restoring the HPMS 9 Rules
- Hosting a 1-hour workshop to provide WV an overview on running the HPMS Validations
- OPTIONAL Install 1Data Gateway
 - Configure basic authentication
 - Configure 1 supplier for WVDOT

Configure 1 project for HPMS Validations

1Spatial will provide up to 20 hours to assist WVDOT with rerunning of the validations in the WV DOT environment after corrections have been made.

Optional

1Spatial will provide WV DOT access to our online learning management system (TalentLMS). TalentLMS provides a portal for self-paced training on creating 1Integrate Rules. 1Spatial will also provide access to send questions to our trainer with response times within 1 business day.

Delivery

All artifacts created during the construction phase will be turned over WV DOT.

1. HPMS Spatial Report Layer
2. HPMS Non-Spatial Report Layer (Domain validations only)
3. Dynamically Segmented Data Layer
4. HPMS Validation Package
5. OPTIONAL Data Quality Assessment Report
6. User Guide – How to Apply HPMS Validations

On-going Project Activities

1. Project Management

- a. Throughout the project, 1Spatial will provide project management to ensure on time deliveries and raise concerns quickly. 1Spatial uses a combination of the Rational Unified Process and AGILE project management to create and maintain a plan for delivery.
- b. During this project we suggest using biweekly status reporting to ensure that the team (both 1Spatial and WV DOT members) are in constant contact and do not duplicate efforts. 1Spatial plans for meetings to demonstrate progress at times and dates convenient to WV DOT

Risks

1. Data to be provided by WV DOT prior to the beginning of work. Format has been agreed to be File Geodatabase and CSV. Any alteration from this raises the risk of the format not being supported. An alteration would require a re-assessment of this SOW with potential increase in associated costs.
2. Data to be provided by WV DOT prior to the beginning of work. Delays in delivering the data to 1Spatial this raises the risk of the format not being supported. An alteration would require a re-assessment of this SOW with potential increase in associated costs.

Pre-requisites

1. Data to be provided by WV DOT prior to the beginning of work.

Assumptions

1. Any output schedule will purely list the number of days and will not incorporate weekends, public holidays, and any other alterations to the work schedule.
2. Reporting of schedule will be written back out to a table stored in the original database from which the data was read in.
3. Data will be in the Schema expected by HPMS 9. Any translations will require additional configuration and is beyond this scope.
4. Availability of WV DOT staff to regularly utilize 1Integrate in order to become adept in rule authoring abilities.
5. 1Spatial expects a total of 4 validation runs. Additional validation runs will require additional scope to support the run and the meeting.
6. West Virginia DOT will create a database and user for the 1Integrate rule repository and 1Data Gateway configuration repository

Test Strategy

User acceptance testing will be performed by WV DOT using rules delivered by 1Spatial. 1Spatial expects WV DOT to complete testing of components within 2 weeks of latest delivery with acceptance or rejection. In the event of rejection, customer will provide information on why the delivery does not meet the agreed statement of work and 1Spatial make necessary adjustments and will redeliver. Acceptance billing will be invoiced upon acceptance of the delivery or 2 weeks after delivery without response from customer whichever is sooner.

Support as part of WV DOT current support arrangement will be provided, however additional rule creation and updates to the solution will be considered out of scope. These may be handled by an agreement for additional work detailed by a future SOW.

Project Timeline and Billing

Task	Description	Price
Project Kickoff	Initial Kickoff meeting + 1Spatial locally configured 1Integrate	\$10,000
Data Workshop April	Review April Data Items	\$7,500
Data Workshop June	Review June Data Items	\$7,500
April Data Validation Workshop + Spatial Report Delivery	1Spatial will perform the data assessment for April Data Items, host a workshop, and deliver Issue Reports	\$15,000
June Data Validation Workshop + Spatial Report Delivery	1Spatial will perform the data assessment for June Data Items, host a workshop, and deliver Issue Reports	\$15,000
1Integrate Install/Upgrade and configuration (WVDOT Environment)	1Spatial will support WV installing/upgrading 1Integrate on the WV Environment, load the HPMS 9 rule package, and provide an workshop demonstrating how to apply the validations	\$15,000
1Data Gateway (annual subscription)	1Spatial's submission portal providing simpler validation submission request	\$37,500
1Data Gateway Install and Configuration	1Spatial will support WV installin 1Data Gateway and configured 1 supplier for WVDOT and 1 project for HPMS.	\$10,000
Data Quality Audit	Document describing the data assessment results	\$3,000
TalentLMS	Access to 1Spatial's online training system for two individuals to 1Integrate Introductory and Advanced training	\$3,980
Trainer support	1Spatial will provide WV DOT trainees access to ask questions during the training.	\$3,000
Total:		\$118,480

Acceptance:

WV DOT

Carla Rotsch 4/29/22

Signature

Date

Carla Rotsch

Name

Business Manager

Title

1Spatial Inc.

Sheila St

Signature

3/23/2022

Date

Sheila Steffenson

Name

CEO

Title

RECEIVED

APR 29 2022

**BUSINESS MANAGER'S
OFFICE**