

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	SLIDE REPAIR USING SOIL NAILS 6619C042	0.00000	EA	\$1.000000	\$0.00

Comm Code	Manufacturer	Specification	Model #
72141003			

Extended Description :	PER THE ATTACHED SLIDE REPAIR USING SOIL NAILS PRICING PAGES
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**State of West Virginia
Request For Quotation**

Procurement Folder : 540230

Document Description : SLIDE REPAIR USING SOIL NAILS

Procurement Type : Agency Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version	Phase
2019-02-21	2019-03-07 14:30:00	ARFQ 0803 DOT1900000030	1	Draft

SUBMIT RESPONSES TO:	VENDOR
FINANCE & ADMINISTRATION DIVISION OF HIGHWAYS BLDG 5, RM A-220 1900 KANAWHA BLVD E CHARLESTON WV 25302 US	Vendor Name, Address and Telephone

FOR INFORMATION CONTACT THE

Dusty J Smith
(304) 558-9398
dusty.j.smith@wv.gov

Signature X *Shannon Wright*

FEIN # 61-1319277

DATE 3/11/19

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

*****NOTICE*****

MAKE SURE YOU DOWNLOAD ALL INFORMATION

TERMS AND CONDITIONS-SPECIFICATIONS-INFORMATIONAL ATTACHMENTS-PURCHASING AFFIDAVIT-PRICING PAGES

PLEASE NOTE THAT TO BE AWARDED THIS CONTRACT YOU WILL BE TO A REGISTER VENDOR WITH WV STATE PURCHASING, AND COMPLIANT WITH SEVERAL AGENCIES SUCH AS THE WVSOS, TAX DEPARTMENT, WORKER'S COMPENSATION, AND UNEMPLOYMENT INSURANCE

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Commodity Line Description	Qty	Unit Issue	Unit Price	Total Price
1	SLIDE REPAIR USING SOIL NAILS 6619C042	0.00000	EA		

Commodity Code	Manufacturer	Model #	Specification
72141003			

Extended Description

PER THE ATTACHED SLIDE REPAIR USING SOIL NAILS
PRICING PAGES

SCHEDULE OF EVENTS

Line	Event	Event Date
1	TECHNICAL QUESTION DUE @ 10AM	2019-02-28

DOT1900000030	Document Phase Draft	Document Description SLIDE REPAIR USING SOIL NAILS 6619C042	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

West Virginia Division of Highways Maintenance Division

- 1. REVIEW DOCUMENTS THOROUGHLY:** The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.
- 2. MANDATORY TERMS:** The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.
- 3. BID SUBMISSION:** All bids must be submitted electronically through the West Virginia Vendor Self Service Portal website or signed, sealed in an envelope and delivered by the Vendor to the Agency on or before the date and time of the bid opening. Any bid received by the Agency staff is considered to be in the possession of the Agency and will not be returned for any reason. In the event that a Vendor submits multiple bids in response to the same Solicitation, the bid with the most recent Agency or wvOASIS time stamp shall be the bid considered by the Agency and the Agency shall disregard all other bids by that Vendor for that Solicitation. Any bid received by the Agency after the date and time of the bid opening as specified in the Solicitation shall be disregarded by the Agency.
- 4. ADDENDUM ACKNOWLEDGEMENT:** Changes or revisions to this Solicitation will be made by an official addendum issued by the Agency. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.
- 5. BID FORMATTING:** Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.
- 6. ALTERNATES:** Any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the Agency at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.

7. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.

8. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee or the fee then assessed by said Division, if applicable.

9. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.

10. PREFERENCE: Vendor Preference may only be granted upon written request and only in accordance with the West Virginia Code § 5A-3-37 and the West Virginia Code of State Rules. A Vendor Preference Certificate form has been attached hereto to allow Vendor to apply for the preference. Vendor's failure to submit the Vendor Preference Certificate form with its bid will result in denial of Vendor Preference.

11. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, women-owned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.

12. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in the West Virginia Vendor Self Service Portal website can be accessed by the Agency staff immediately upon bid opening. The Agency will consider any file that cannot be immediately opened and/or viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires, and therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening if those documents are required with the bid.

13. NON-RESPONSIBLE: The Agency reserves the right to reject the bid of any vendor when the Agency determines that the vendor submitting the bid does not have the capability to fully perform, or lacks the integrity and reliability to assure good-faith performance. A determination of non-responsibility will only extend to the contract for which the vendor has submitted a bid and does not operate as a bar against submitting future bids.

14. ACCEPTANCE/REJECTION: The Agency may accept or reject any bid in whole, or in part when the Agency determines it is in the best interest of the State.

15. TIE BIDS: When tie bids are received and the Agency intends to award the work to only one vendor, the Agency shall break the tie by allowing the tied vendors to make a final offer, flip of a

coin, draw of the cards, or any other impartial method considered prudent by the Agency. If tie bids are received and the Agency intends to award the bid to multiple vendors, the Agency may award the bid to the number of the tied bidders as Agency deems necessary using the procedure set forth in this section to establish the number of tied bidders which will be awarded the bid.

16. 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., 5G-1-1 et seq. and the Freedom of Information Act in West Virginia Code §§ 29B-1-1 et seq. Submission of any bid, proposal, or other document to the Agency constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. Labeling any document "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents will not protect that document from public disclosure. All submissions are subject to public disclosure without notice.

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

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Agency and approved as to form by legal counsel for the Agency, if required, constitutes acceptance of this Contract made by and between the Agency and the Vendor. Vendor's signature on its bid 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" means the West Virginia Department of Transportation, Division of Highways. This Contract is entered into by the Agency pursuant to the provisions of West Virginia Code § 17-4-19 and §17-2A-8.

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 Agency and the Vendor to provide the goods or services requested in the Solicitation. The Contract shall be comprised of the (i) Solicitation and any other document required by the Solicitation (ii) Bid or Proposal (iii) Award Document and (iv) General Terms and Conditions; Instruction to Vendors Submitting Bids, collectively referred to as the "Contract Documents".

2.4. "Award Document" means the document signed by the Agency, and approved as to form by legal counsel for the agency, that identifies the Vendor as the contract holder.

2.5. "Solicitation" means the official notice of an opportunity to supply the Agency with goods or services.

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

2.7. "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 award _____ and extends for a period of one _____ year(s).

Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor. Any request for renewal should be submitted in writing to the Agency 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. Renewal of this Contract is limited to two successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed 24 months in total. Automatic renewal of this Contract is prohibited.

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 prior to the expiration of this Contract shall be effective for no more than 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 that part of the Contract more fully described in the attached specifications must be completed within _____ days. Upon completion, the vendor agrees that maintenance, monitoring, or warranty services will be provided for _____ successive one year periods or multiple periods of less than one year provided that the multiple renewal periods do not exceed _____ months in total.

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 calendar year.

Other: See attached.

4. NOTICE TO PROCEED: Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Award Document will be considered notice to proceed.

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 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 and Agency.

6. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the Agency. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the Agency in the Solicitation to do so, may result in bid disqualification.

7. EMERGENCY PURCHASES: The Agency may 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 and Vendor is unable to provide those goods and services on an immediate or expedited basis in the sole judgment of Agency. 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, by the Agency, shall not constitute a breach of this Contract and shall not entitle the Vendor to injunctive relief or to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One Time Purchase contract.

8. REQUIRED DOCUMENTS: All of the items checked below must be provided to the Agency by the Vendor as specified below.

BID BOND: All Vendors shall furnish a 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 _____. The performance bond must be received by the Agency 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 Agency 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.

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 Agency prior to Contract award.

INSURANCE: The apparent successful Vendor shall furnish proof of the following insurance prior to Contract award and shall list the State as a certificate holder:

Commercial General Liability Insurance: In the amount of \$1,000,000.00 _____ or more.

Builders Risk Insurance: In an amount equal to 100% of the amount of the Contract.

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-
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The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed above.

LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section entitled Licensing, of the General Terms and Conditions, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits prior to Contract award, award, in a form acceptable to the Agency.

WEST VIRGINIA CONTRACTOR'S LICENSE

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

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

10. LIQUIDATED DAMAGES: Vendor shall pay liquidated damages in the amount of _____ for _____. 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.

11. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the Agency 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.

12. 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.

13. PAYMENT: Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices in arrears.

14. 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.

15. CANCELLATION: The Agency 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 Agency may also cancel any purchase or this contract for any reason or no reason upon 30 days written notice to the Vendor.

16. TIME: Time is of the essence with regard to all matters of time and performance in this Contract.

17. 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.

18. COMPLIANCE: 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.

19. PREVAILING WAGE: To the extent required by applicable law, Vendor shall be responsible for ensuring compliance with prevailing wage requirements and determining when prevailing wage requirements are applicable.

20. 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.

21. 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.

22. 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.

23. 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 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.

24. 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 and any other government agency or office that may be required to approve such assignments.

25. 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.

26. 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.

27. BANKRUPTCY: In the event the Vendor files for bankruptcy protection, the Agency may deem this Contract null and void, and terminate this Contract without notice.

28. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any 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.transportation.wv.gov/Documents/WVDOT-Privacy-Notice.pdf>.

29. 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. Submission of any bid, proposal, or other document to the Agency constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. Labeling any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents will not protect that document from public disclosure. All submissions are subject to public disclosure without notice.

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

30. LICENSING: 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. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Agency to verify that the Vendor is licensed and in good standing with the above entities.

31. ANTITRUST: In submitting a bid to, signing a contract with, or accepting an Award Document from Agency, 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.

32. 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.

33. PURCHASING CARD ACCEPTANCE: The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract unless the box below is checked.

Vendor is not required to accept the State of West Virginia's Purchasing Card as payment for all goods and services.

34. 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.

35. INDEMNIFICATION: To the fullest extent permitted by law, the Vendor agrees to defend, indemnify, and hold harmless the Agency, its officers, agents and employees from and against all suits, claims, damages, liability, losses, and expenses, including but not limited to attorney's fees and costs of investigations, arising out of, pertaining to or resulting from the performance of work for the above identified Project, including all claims, damages, losses or expenses which are attributable to bodily injury, sickness, disease or death, or to damage to or destruction of property, whether caused either wholly or in part by the negligence, actions or omissions of the Vendor, a Subcontractor or anyone directly or indirectly employed by the Vendor or Subcontractor or for anyone whose acts the Vendor or Subcontractor may be liable, except for any liability or damages due to the willful or intentional unlawful acts or the sole negligence of the Agency or its employees.

36. PURCHASING AFFIDAVIT: In accordance with West Virginia Code § 5A-3-10a, all Vendors are required to sign, notarize, and submit the Purchasing Affidavit stating that neither the Vendor nor a related party owe a debt to the State in excess of \$1,000. The affidavit must be submitted prior to the award, but should be submitted with the Vendor's bid. A copy of the Purchasing Affidavit is included herewith.

37. 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.

38. REPORTS: Vendor shall provide the Agency with the following reports identified by a checked box below:

Such reports as the Agency 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 Agency via email to the Agency representative specified by Agency.

39. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to

sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry. After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision. 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.

40. 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 hearth, basic oxygen, electric furnace, Bessemer or other steel making process. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
- c. 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
- d. 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.

41. 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.

42. It is hereby expressly covenanted, agreed and understood by and between the parties hereto, that the Vendor will immediately make payment and refund to the Agency for any and all overpayments made by said Agency to the Vendor on any estimate or estimates, advances ,if applicable ,or partial payments made on this Contract. Agency is given the right and authority to withhold any and all funds in its possession, belonging to, owed by, or which may be owed by it to the Vendor on any agreement or from any other source for the recovery of any overpayment made in connection with this contract. It is further expressly agreed that the statute of limitations will not commence to run against the Agency for such overpayments until the same is discovered and made known to the Agency.

43. In the event of conflicts or discrepancies among the Contract Documents, interpretations will be based on the following priorities in the order listed below with the highest priority being subsection a:

- a. General Terms and Conditions; Instructions to Vendors Submitting Bids,
- b. Solicitation and any documents required by the Solicitation,
- c. Bid or Proposal,
- d. Award Document.

CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through the West Virginia Vendor Self Service Portal website, 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.

Wright Concrete and Construction, Inc.

(Full Company Name)

Shannon Wright

(Authorized Signature)

Shannon Wright

(Print or Type Name and Title
of Signatory)

(606) 639-4484

(Phone Number)

(606) 639-4482

(Fax Number)

shannon@wrightconcrete.com

(Email address)

3/11/19

(Date)

**Form pre-approved by DOH legal division on July 12, 2016.
Attorney signature not required.**

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: ARFQDOT1900000030

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input checked="" type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Wright Concrete and Construction, Inc.
Full Company Name

Shanna Wright
Authorized Signature

3/11/19
Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

REQUEST FOR QUOTATION
Slide Repair using the Method of Soil Nails

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Division of Highways is soliciting bids to establish an open-end contract for labor, equipment and supervision to provide “on-call” as needed services for Slide Repair using the methods of Launched Soil Nails, Permanently Cased Soil Nails or Self Drilling Soil Nails.

Work shall consist of the Contractor designing plans to stabilize identified slides by internally reinforcing the soil mass with reinforcing elements (nails) using the installation methods as specified in this contract. The stabilization of the slide area shall be constructed from the top of the slide down. WVDOH will identify locations and direct all work to be performed as specified herein. The Contractor shall review, with the WVDOH representative, all locations to determine method to be used and applicable design considerations.

WVDOH will provide all permits, guardrail, public notification, clearing of the site, environmental controls and obtain access to adjacent property as needed.

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 3.2 below.
- 2.2 “**Pricing Pages**” means the schedule of prices, estimated order quantity, 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.
- 2.4 “**WVDOH**” used throughout this Solicitation means the West Virginia Division of Highways.
- 2.5 “**ACI**” used throughout this Solicitation means the American Concrete Institute. Reference: www.concrete.org.
- 2.6 “**AASHTO**” used throughout this Solicitation means American Association of State Highway and Transportation Officials. Reference: www.transportation.org.
- 2.7 “**ASTM**” used throughout this Solicitation means American Society for Testing and Materials. Reference: www.astm.org.

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- 2.8 “ANSI” used throughout this Solicitation means American National Standards Institute Manual. Reference: www.ansi.org.
- 2.9 “PVC” used throughout this Solicitation means Polyvinyl Chloride Plastic Pipe.
- 2.10 “OSHA” used throughout this Solicitation means Occupational Safety and Health Administration. Reference: <https://www.osha.gov/>
- 2.11 “Contractor” or “Vendor” used throughout this Solicitation and in any cited sections of the West Virginia Department of Transportation, Division of Highways Standard Specifications, Roads and Bridges, most recent edition, as modified by all subsequent annual Supplemental Specifications, are interchangeable.
- 2.12 “Standard Specs” used throughout this Solicitation means the West Virginia Department of Transportation, Division of Highways Standard Specifications, Roads and Bridges, adopted latest Standard Specs edition, including any Supplementals.

3. GENERAL REQUIREMENTS:

- 3.1 The following sections of the Standard Specs, but not limited to, shall apply to the administration of this contract: Sections 101, 102.4, 102.5, 105.1, 105.3, 105.4, 105.10, 105.11, 105.12, 105.13, 106.3, 106.4, 106.5, 106.6, 106.7, 106.9, 107.1, 107.2, 107.3, 107.14, 107.19, 107.20, 108.8, 109.1, 109.2, 109.20 and 636.

A hard copy of the current Standard Specs may be purchased at a cost of \$20.00 (\$15.00 for the 2017 book plus \$5.00 for the Supplemental Latest Edition) using the Attachment A Standard Specifications Order Form and sent to:

West Virginia Division of Highways
Contract Administration
Building 5, Room 722
1900 Kanawha Boulevard, East
Charleston, West Virginia 25305
(Phone) 304-558-2885

A free electronic copy of the Standard Specs may be obtained by sourcing:
<http://www.transportation.wv.gov/highways/contractadmin/specifications/2017StandSpec/Pages/default.aspx>

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

REQUEST FOR QUOTATION
Slide Repair using the Method of Soil Nails

3.2.1 Launched Soil Nails:

Vendor shall furnish equipment, all incidentals and Launched Galvanized Soil Nails that are hollow steel tubes that have been hot dip galvanized. The Launched Soil Nails shall have a wall thickness of 0.120 inches, nominal outside diameter of 1.5 inches. The strength of the tube shall be 36ksi. When applicable, provide perforated tubes that can serve as both horizontal drains and as tensile elements. The excess cutoffs from previously launched nails are not acceptable.

Launched Soil Nails shall be inserted with a single stroke of velocity in excess of 200 miles per hour. The inserted length and spacing will be determined based upon the WVDOH District Engineer's approved engineering plans. More than 4 inches of exposed Soil Nails after launching is unacceptable unless first approved by the WVDOH District Engineer. Exposed portion of installed nails must be cut for inclusion into shotcrete or flush to ground in the case of no shotcrete work when not required by the engineering plans. Disposal of the cut-off portions of the Soil Nails from the right-of-way is the responsibility of the Contractor at no additional cost to the WVDOH. If required, lagging and backfill will be provided by the WVDOH. Vendor shall provide pricing for one size, 20 feet length, of Launched Soil Nails.

3.2.2 Permanently Cased Soil Nails:

Vendor shall furnish Permanently Cased Soil Nails that are a three-stage construction including installation of: 1) an outer tube (minimum 1.5 inch outside diameter, minimum 0.120 inch wall thickness hot-dipped galvanized 36 ksi steel tube that is mechanically deformed, threaded or specially galvanized through a dressing process to produce a plurality of surficial asperities); 2) neat cement grout that completely fills the outer tube; and 3) an inner bar consisting of epoxy coated, #6 (or greater) grade 60 or grade 75 rebar or thread bar, depending on the final design load. When applicable, provide perforated tubes that can be pressure grouted. Vendor shall provide pricing for seven different lengths of Permanently Cased Soil Nails.

3.2.3 Self Drilling Soil Nails:

Vendor shall furnish Self Drilling Soil Nails that consist of a hollow bar with a sacrificial drill bit. Multiple bars may be coupled to produce final length. Bar outer diameters shall be a minimum of 1.5 inches and maximum 3 inches depending on design load. Vendor shall provide pricing for seven different lengths of Self Drilling Soil Nails.

3.2.4 Shotcrete:

Shotcreting shall consist of applying one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface with a nominal thickness of 6 inches with either welded wire fabric or

REQUEST FOR QUOTATION
Slide Repair using the Method of Soil Nails

triple twisted galvanized wire mesh approximately 2 inches from ground surface. Vendor shall furnish shotcrete complying with the requirement of ACI 506.2, except as otherwise specified below.

3.2.4.1 Produce shotcrete by either a wet-mix or a dry-mix process. The wet-mix process consists of thoroughly mixing all the ingredients except accelerating admixtures, but including the mixing water, introducing the mixture into the delivery equipment and delivering it, by positive displacement, to the nozzle. Air jet the wet-mix shotcrete from the nozzle at high velocity onto the surface. The dry-mix process consists of producing shotcrete by delivering the dry ingredients conveyed pneumatically with the mixing water introduced at the nozzle. For additional descriptive information, refer to ACI 506R.

Materials for shotcrete shall conform to the following requirements:

Cement: Standard Specs Section 701.1

Fine Aggregate: Standard Specs Section 702.1 (except for gradation).

Course Aggregate: Standard Specs Section 703.1 or 703.2.

Water Clean and Potable: Standard Specs Section 715.7.

Chemical Admixtures Accelerator: Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141.

Water-Reducer and Superplasticizer: AASHTO M194/ASTM C494 Type A, C, D, E, F or G.

Retarders: AASHTO M194/ASTM C494 Type B or D. Mineral Admixtures.

Fly Ash: Standard Specs Section 707.4.1. Replacement up to 20% by weight of cement.

Silica Fume: Standard Specs Section 707.4.3. 85% minimum silicon dioxide solids content, not to exceed 8% by weight of cement.

Welded Wire Fabric: AASHTO M55/ASTM A185 or A497.

Rebar Mat: Shall be included with the Shotcrete and shall conform to Standard Specs Sections 709.1 and 709.4.

Prepackaged Shotcrete: ASTM C928

Vendor shall deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Vendor shall store liquid admixtures to prevent evaporation and freezing.

Aggregate to be used for the shotcrete must meet the strength and durability requirements of AASHTO, as applicable, and the following gradation requirements:

<u>Sieve Size</u>	<u>Percent Passing by Weight</u>
1/2"	100

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3/8"	90-100
No. 4	70-85
No. 8	50-70
No. 16	35-55
No. 30	20-35
No. 50	8-20
No. 100	2-10

The proportion of the shotcrete must be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 24.3 pounds per cubic foot and water/cement ratio not greater than 0.55. Admixtures not approved by the WVDOH District Engineer are not acceptable.

Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement, non-corrosive steel and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260.

Air entrainment is not required for temporary shotcrete construction facings, but shall be used in all exposed permanent shotcrete.

Vendor shall provide shotcrete with a minimum design compressive strength of 2000 psi in three days and 4000 psi in 28 days when tested in accordance with ASTM C1140 and ASTM C42.

The batch aggregate and cement by weight or by volume must be in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C685. The mixing equipment must thoroughly blend the materials in enough quantity to maintain placing continuity. Ready Mix shotcrete must comply with AASHTO M157. The batch, delivery and placement of shotcrete must be within 90 minutes of mixing. The use of retarding admixtures may extend application time beyond 90 minutes if approved by the WVDOH District Engineer.

3.2.4.2 After award, *prior to each contracted project*, the vendor shall provide proposed mix design and method of placement of shotcrete, meeting all requirement of Section 3.2.4, to the WVDOH, Materials Controls, Soils and Testing Division for approval. Only after WVDOH approval shall the vendor proceed with shotcrete placement.
<http://www.transportation.wv.gov/highways/mcst/pages/materialprocedures.aspx>

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West Virginia Division of Highways
Materials Control, Soils and Testing Division
190 Dry Branch Road
Charleston, West Virginia 25306
304-558-3160

Strength test results for proposed shotcrete mix completed within one year of the start of Shotcreting may be submitted for initial verification of the required compressive strengths at the start of production work.

3.2.4.3 The Contractor shall abide by the following shotcrete installation instructions. All installation shall be handled by the Contractor unless otherwise specified herewith.

Work shall only begin after receiving approval of the design mix and continue if the specified strengths are obtained. The Contractor is to provide all work required to obtain satisfactory strength tests at no additional cost to WVDOH.

The Contractor shall maintain the face of the excavation and other surfaces clean of loose materials, mud, rebound, overspray or other foreign matter that could prevent or reduce shotcrete bond. Any surface materials that is loosened or damaged, to a sufficient depth should be removed. Any material that loosens during application shall be removed. The adjacent surfaces shall be protected from overspray during shooting. During the excavation and cleaning process, the ground shall not be loosened, cracked or shattered. Water flow shall be diverted and standing water shall be removed so that shotcrete placement will not be affected.

At all time, the Contractor shall maintain a clean, dry, oil-free supply of compressed air enough for maintaining adequate nozzle velocity. The equipment shall be capable of delivering the premixed material accurately, uniformly and continuously through the delivery hose. To prevent sagging or sloughing of freshly-applied shotcrete, control must be taken with the application thickness, nozzle technique, air pressure and rate of shotcrete placement.

The shotcrete shall be applied from the lower part of the area upward to prevent accumulation of rebound. The placement of the nozzle shall be at a distance and approximately perpendicular to the working face so that rebound will be minimal and compaction will be maximized. Rebound shall not be worked back into the construction. Where shotcrete is used to complete the top ungrouted zone of the nail drill-hole near the face, the

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nozzle shall be positioned into the mouth of the drill-hole to complete fill the void.

A clearly defined pattern of continuous horizontal or vertical ridges or depressions at the reinforcing elements after they are covered with shotcrete will be considered as indication of insufficient reinforcement cover or poor nozzle techniques. In this case, immediately suspend the application of shotcrete and implement corrective measures. Correct the shotcreting procedure by adjusting the nozzle distance and orientation, insuring adequate cover over the reinforcement and adjusting the water content of the shotcrete mix or other means.

Any shotcrete surface defects shall be repaired after placement as soon as possible. Any shotcrete that exhibits segregation, honeycombing, lamination, void or sand pockets shall be removed and replaced. In-place shotcrete not meeting the specified strength requirement will be subject to remediation. Possible remediation options include placement of additional shotcrete thickness or removal and replacement, at no additional cost to the WVDOH.

A minimum reinforcement overlap shall be provided at reinforcement splice joints as per industry standards. The surface of a joint shall be cleaned and wet before adjacent shotcrete is applied. Where shotcrete is used to complete the top ungrouted zone of the nail drill-hole near the face, to the maximum extent practical, clean and dampen the upper grout surface to receive shotcrete, like a construction joint.

Shotcrete shall not be installed on frozen surfaces or ground. Cold weather protection shall be maintained if the temperature, after placement, is below 32° F until the in-place compressive strength of the shotcrete is greater than 725 psi. Cold weather protection may require blankets, heating under tents or other means acceptable to the WVDOH. The shotcrete mix shall be deposited at a temperature of not less than 32°F or more than 100°F.

During high winds and heavy rains, unless suitable protective covers, enclosures or wind breaks are installed, shotcrete application shall be suspended. Any newly placed shotcrete that has been exposed to rain making the shotcrete unacceptable shall be removed and replaced. A polyethylene film or equivalent shall be used to protect the work from exposure to adverse weather.

3.2.5 Extra Shoulder Build-up of Shotcrete:

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When required to meet the approved drawings and plans, the Contractor may be required to provide a 24-inch Extra Shoulder Build-up which is shotcrete formed outboard of the wall at the road level.

3.2.6 Concrete Masonry Units:

Split face Concrete Masonry Units are required to meet ASTM C-90 criteria to construct necessary Geosynthetically Confined Soil (GCS) walls. WVDOH forces, following methods and designs shown on plans, will perform installation.

3.2.7 Geosynthetic Fabric:

Geosynthetic Fabric is a woven polypropylene sheet with a wide width tensile capacity of nominally 175 pounds per inch for GCS walls. WVDOH forces, following methods and designs shown on plans, will perform installation.

3.2.8 Wire Mesh Surface Treatment:

WVDOH will approve the measurement of wire mesh surface treatment in square feet, properly installed and tensioned to the slope by welding or bolting steel plates with central holes over protruding soil nail tips.

3.2.8.1 High Tensile Diamond Mesh meeting the following requirements:

Wire Diameter: 0.120 inches

Wire Coating: Zinc coated by the Zn/Al process (minimum Zinc Coating 0.80 oz/sf)

Tensile strength of wire: 75 ksi

3.2.8.2 High Capacity Double-Twist Hexagonal Mesh meeting the following requirements:

Manufactured in accordance with ASTM A975.97

Wire Diameter: 0.120 inches

Wire Coating: Hot dip galvanized, finish 5, class-3, Zinc Coating (ASTM A-641, tested in accordance with ASTM A370-92)

Tensile strength of wire: Soft temper in accordance with ASTM A641-92

Weight of Zinc Coating of Wire: Determined by ASTM A-90 (normally 0.85 oz/sf)

Grade of Zinc Coating: High grade or special high grade in accordance with ASTM 8-6, Table 1

Uniformity of Coating: Determined by ASTM A-239

Elongation: not less than 12% in accordance with ASTM A370-92.

3.2.9 Galvanized Steel Plates, including bolts:

Dimension: 8" x 8" x 3/8" or equivalent

Material: Minimum 36 ksi mild steel as required by ASTM A36 or greater

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Galvanization: Hot dip Zinc Galvanized

3.2.10 Strip Drains:

To eliminate water build-up behind the shotcrete wall, the vendor shall use at a minimum, 4-inch strip drains that are full width of the shotcrete (downslope) at a maximum of 6-foot centers. Drains shall extend beyond the face of the shotcrete at the downhill face. Drains shall meet the requirements of Standard Specs Section 714.19. Vendor shall source HDPE manufacturers from the WVDOH Plastics Products approved list.

<http://www.transportation.wv.gov/highways/mcst/Pages/Listings.aspx>

3.2.11 Horizontal Drains:

Horizontal drains consist of 1.5-inch diameter (or larger) slotted schedule 80 (or thicker) PVC pipe conforming to the requirements of ASTM Designation: D 1785. These pipes are inserted into drilled holes to reduce water pressures within slide masses.

3.2.11.1 Slotted pipe shall have two rows of slots. The rows shall be in the longitudinal direction of the pipe and the slots shall be cut in the circumferential direction of the pipe. The rows shall be centered on two of the third points (120 degrees apart) of the pipe circumference. Each row of slots shall conform to one of the configurations in the following table. Slots shall be spaced uniformly along the pipe. The minimum opening will be measured on the inner surface of the pipe.

Number of Slots (± 3) Per Meter (3.0 feet)	Width of Slot Millimeters (inches)	Minimum Opening Per Meter (3 feet) Square Millimeters (in²)
72	1.27 (0.05)	2110 (3.27)
75	0.51 (0.02)	975 (1.50)
151	0.25 (0.01)	975 (1.50)

3.2.11.2 Perforated pipe shall have three rows of perforations with one row on each side of the pipe and the third row in the top. The perforations shall be 10 mm (0.40 in) in diameter spaced at 75 mm (3.0 in) centers with the top perforations staggered in relation with the holes on either side. Fittings for the PVC pipe shall be Schedule 80 Type II PVC solvent weld type fittings conforming to the requirements in ASTM Designation: D 2467. Machined male and female ends may be used in lieu of couplings. Un-slotted or un-perforated PVC pipe, between 1 m (3.0 ft) to 9 m (29.5 ft) in length, shall be provided at the outlet of the drain.

3.2.12 Mobilization:

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3.2.12.1 Standard Projects: The awarded Contractor must have at least three qualified crews readily available for deployment to work in multiple locations simultaneously. The vendor shall have 14 working days to perform all work and operations necessary to load and unload equipment, move personnel, supplies and incidentals to and from the project site to accomplish all other miscellaneous associated work items or operations that must be performed, including cost that must be incurred, to mobilize and begin work on a standard project.

3.2.12.2 Emergency Projects: The vendor shall have 48 hours or an agreed upon timeframe between the WVDOH and the Contractor to perform all work and operations necessary to mobilize and begin work on an emergency project including all of the same procedures as a standard project listed in Section 3.2.12.1.

If the equipment can be transported under its own power to an adjacent site within a reasonable distance, as agreed upon by the WVDOH and the Contractor, mobilization/demobilization will not be paid by the WVDOH for the second site.

3.2.13 Maintenance of Traffic: While undergoing improvement, the project site shall be kept open to traffic in such condition that both local and through traffic will be adequately and safely accommodated. All construction operations shall be scheduled by the Contractor to keep traffic delay to a minimum.

Traffic Control may be furnished by the WVDOH. When Pilot Truck and Driver, Traffic Control Devices, Flagger and/or Arrow Board are requested by the WVDOH for a project, traffic shall be maintained by the Vendor in accordance with Standard Specs Section 636.

3.3 Plans and Details/Proposal: The awarded Contractor will provide all necessary engineering plans and details/proposal required to successfully repair slides when requested, at the time of need by the WVDOH. Any necessary core drilling, rotary drilling, percussion drilling, auger drilling or driven casing required to produce plans are the responsibility of the Contractor.

The engineering plans and details/proposals shall be stamped by a Registered Professional Engineer, licensed in the State of West Virginia, under the full-time employment of the Contractor, who is knowledgeable in the design and implementation of slope stabilization with soil nails and related work. Changed or deviations from the approved submittals must be resubmitted for approval. No adjustments in project time will be allowed due to incomplete submittals. The WVDOH reserves the right to agree to an adjustment in project time when in the best interest to the State of WV. The engineering plans and details/proposal shall include, at a minimum, the following information:

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3.3.1 A description of the soil nail construction sequence and a schedule for the work.

3.3.2 The slip length per foot, the failure width per foot and the failure height (depth) per foot.

3.3.3 A description of the size and spacing of the nail to be placed.

3.3.4 All necessary details to successfully construct any temporary facing and drainage system.

3.3.4 The nail angle entry shall be within plus or minus 3 degrees from the approved plans. The nails shall not extend beyond the limits of the permanent easement or right of way. Subsidence or physical damage by such operations shall be cause for immediate cessation of operations and repairs at the Contractor's expense.

3.4 Contractor's Experience, Personnel and Equipment Requirements:

3.4.1 The Contractor and his personnel shall meet the following requirements and must provide the information requested on the Information Attachment Forms at the time of bidding. The Information Attachment Forms are provided at the end of these the contract specifications and **must be submitted with their bid.** The awarded Contractor must have at least three qualified crews readily available for deployment to work in multiple locations simultaneously. A crew, at a minimum, shall consist of no less than one of each of those identified in sections 3.4.1.2 through 3.4.1.6.

At any time during the life of this contract, upon request by the WVDOH, the awarded Vendor shall provide an update of any information requested in Section 3.4.1.

3.4.1.1 Contractor shall have successfully engineered and constructed no less than nine projects, three projects of each nail type bid, within the last three years for which successfully stabilized an active landslide on an active, public roadway while maintaining traffic on the impacted roadway using the nail type bid: Launched Soil Nails, Permanently Cased Soil Nails and Self Drilling Soil Nails. All soil nail work must be self-performed to meet this requirement. On Information Attachment Form A, the Contractor shall provide, at a minimum, the name of nine projects, three of each nail type being bid and the dates of each project.

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3.4.1.2 Supervisor Engineer shall be under full-time employment of the Contractor. The Supervisor Engineer must have successfully designed no less than nine projects, three projects of each nail type being bid, within the last three years for which successfully stabilized an active landslide on an active, public roadway while maintaining traffic on the impacted roadway using the nail type bid: Launched Soil Nails, Permanently Cased Soil Nails and Self Drilling Soil Nails. All soil nail work must be self-performed to meet this requirement. On Information Attachment Form B, the Contractor shall provide, at a minimum, the name of one Supervisor Engineer, the name of nine projects of which he was the Supervisor Engineer, three of each nail type being bid and the dates of each project.

3.4.1.3 Equipment Operators must have successfully operated rigs on no less than nine projects, three of each nail type being bid, within the last three years for which successfully stabilized an active landslide on an active, public roadway while maintaining traffic on the impacted roadway using the nail type bid: Launched Soil Nails, Permanently Cased Soil Nails and Self Drilling Soil Nails. All soil nail work must be self-performed to meet this requirement. On Information Attachment Form C, the Contractor shall provide, at a minimum, the name of one Equipment Operator, the name of nine projects of which he was the Equipment Operator, three of each nail type being bid and the dates of each project.

3.4.1.4 Foreman must have successfully managed on no less than three projects within the last three years, with this Contractor, which successfully stabilized an active landslide using soil nails on an active, public roadway while maintaining traffic on the impacted roadway. On Information Attachment Form D, the Contractor shall provide, at a minimum, one Foreman's name, the name of three projects of which he was the Foreman, nail type and the dates of each project.

3.4.1.5 Shotcrete Nozzlemen must have installed at least 10,000 square feet of shotcrete within the last three years in stabilizing an active landslide on an active, public roadway while maintaining traffic on the impacted roadway. The Nozzlemen or any worker applying shotcrete must be certified as an ACI Shotcrete Nozzleman by the ACI as outlined in ACI Certification Publication CP-60. The Contractor is fully responsible for training, operations and results of work performed by the Nozzleman. On Information Attachment Form D, the Contractor shall provide, at a minimum, one Nozzleman's name, the Nozzleman's ACI Certification Number and the number of square feet of shotcrete applied

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by this Nozzleman in the last three years including the dates of those installations.

3.4.1.6 In addition to those workers listed above, all other laborers and workers with this Contractor should possess the knowledge of installation of soil nails and general roadway maintenance.

3.4.1.7 The awarded Contractor must have at least three operational soil nail installation rigs available, throughout the contract period, and for deployment, if in an emergency, within 48 hours to multiple locations simultaneously. Soil nail installation rigs must be capable of either installing launched soil nails or drilling a hole up to 80 feet in length and six inches in diameter.

3.4.2 Prior to the beginning of each project, the Contractor shall complete Information Attachment Form E and submit to the WVDOH District Engineer. Information Attachment Form E shall contain the Contractor's personnel information per project. Information submitted on Information Attachment Form E may or may not be the same personnel information submitted on Information Attachment Forms B, C or D; however, before any worker can participate on a project, signed approval by the WVDOH District Engineer on Information Attachment Form E is required.

3.4.3 The Contractor shall be responsible for the conduct of their personnel/workers while at the WVDOH work site. The personnel/workers shall be courteous and respectful to the WVDOH personnel, traveling public, landowners and citizens. Any questions posed to the personnel/workers shall be referred to the WVDOH District Engineer. All personnel/workers working on WVDOH projects shall be able to communicate efficiently with the WVDOH in the English language. Personnel/workers while at the WVDOH work site shall always be neat in appearance. Proper dress shall include long pants, shirts and/or blouses with sleeves (short or long) and buttoned if applicable. Clothing should be applicable for the weather conditions.

No signs or advertisement shall be posted on the WVDOH's property without prior written approval by the WVDOH District Engineer.

3.5 Safety Requirements: The Contractor shall be responsible for meeting all federal, state and local safety code requirements including OSHA, WV OSHA and accepted industry standards requirements.

The Contractor's staff/crew shall obey all traffic and safety rules and regulations and shall not create any hazardous conditions with the operation of the equipment. All Contractor supplied equipment, tools and personal safety equipment shall

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meet or exceed the safety standards specified for such items by ANSI Z133.1-1994.

All staff/crew shall wear approved hard hat, protective clothing, ANSI approved safety vests and any other requirements to meet OSHA standards.

- 3.6 Soil Nail Sampling and Testing:** Acceptance of the Soil Nails will be by Contractor's certification to the WVDOH, stating that the material composition and installation conforms to these specifications, combined with visual inspection of the in-place Soil Nail and Shotcrete by the WVDOH District Engineer. The Contractor shall test one soil nail per site. The WVDOH reserves the right to require additional testing by the Contractor. Any requested testing of Soil Nails will follow these procedures:

3.6.1 Equipment: A dial gauge capable of measuring to 25.4 μ m (0.001 in) shall be used to measure movement. A hydraulic jack and gauge calibrated as a unit shall be used to apply the test load. The pressure gauge shall be graduated in 690 kPa (100psi) increments or less and used to measure the applied load. The test loads shall be applied incrementally.

3.6.2 Pull-out testing: Install one nail as a non-service nail and load test to pull-out failure. Pull-out failure is defined as movement in excess of 1 mm (0.04 in) between the 1-minute and 10-minute reading of 2 mm (0.08 in) per log cycle of time over a minimum load hold period of 60 minutes. The test nails shall be installed and tested as each level at a rate consistent with construction operations. The test length of nail shall be chosen to cause pull-out failure to steel yield, but it shall not be less than 2.4 m (8 ft) or 2.1 m (7 ft) where construction boundaries shown on the contract plans do not allow 2.4 m (8 ft) nails. A minimum ungrouted zone of 1 m (3 ft) in length to the face shall be provided.

Each test soil nail using the drilling method shall be grouted in place as part of a regular production grouting process. After grouting, the nail shall not be loaded for a minimum of three days. Reaction frames should not bear on the shotcrete face within a 1 m (3 ft) radius of the center of the drilled hole.

The pull-out test shall be made by incrementally loading the nail. The nail movement shall be measured and recorded to the nearest 25.4 μ m (0.001 in) with respect to the independent fixed reference point at each increment load. The test shall be monitored with a pressure gauge. The load hold period shall start as soon as the test load is applied. Movement shall be recorded at 0, 1, 2, 3, 4, 5, 6 and 10 minutes. If the load is extended, the nail movement shall be recorded at 15, 25, 30, 45 and 60 minutes. Each increment of load shall be no greater than 25% of the design load of the nail tested. The loading shall be terminated either at failure

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Slide Repair using the Method of Soil Nails

or earlier at the option of the Contractor, if at least twice the design unit bond stress is demonstrated.

3.6.3 Acceptance criteria: The nail deemed acceptable if the unit bond stress at a failure load or test termination is equal to or greater than twice the design unit bond stress. Unacceptable test results shall result in modifications to design or construction procedures. Any modifications of design or construction procedures shall be at the Contractor's expense and the verification testing procedure shall be repeated as required by the WVDOH. Graphs shall be plotted during the test of deflection against load.

Acceptance of the shotcrete will be by visual inspection by the WVDOH District Engineer. Materials found not in compliance with the requirements of this contract may be rejected, removed and replaced at the Contractor's expense.

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 Exhibit A, Pricing Pages. Award will be based on lowest overall total cost.
- 4.2 Pricing Pages:** Vendor shall complete the Pricing Pages by providing a Unit price per item. Vendor shall complete this Pricing Page in its entirety as failure to do so may result in the Vendor's bid being disqualified.

The Pricing Pages 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. Vendors are strongly cautioned that the approximate quantity on the Pricing Pages is for evaluation purposes only. Actual quantities will be provided to the awarded vendor on a Delivery Order at the time of need. No future use of the Contract or any individual item is guaranteed or implied.

Each unit price shall include labor, equipment, materials and incidental costs associated with the Contract Item being bid.

Vendor should type or electronically enter the information into the Pricing Pages to prevent errors in the evaluation. In most cases, the Vendor can request an electronic copy of the Pricing Pages for bid purposes by sending an email request to the following address: dusty.j.smith@wv.gov.

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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 forms 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. The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract.

WVDOH will pay for materials delivered and installed. WVDOH will not make payment for partial deliveries or for materials on site and not installed.

6. DELIVERY AND RETURN:

- 6.1 Delivery Time:** Vendor shall deliver standard orders no later than 14 working days or an agreed upon acceptable date by the WVDOH and Vendor, after Vendor's receipt of a Delivery Order. There shall be a minimum aggregate order quantity of 25 nails per job site, unless otherwise grouped with additional nearby sites as placed on the Delivery Order and agreed upon by the WVDOH and the Contractor. Vendor shall deliver emergency orders within 48 hours or an agreed upon acceptable date by the WVDOH and the Vendor, after a Delivery Order is received by the Vendor.

Starting times and scheduled hours may vary and will be at the discretion of the WVDOH District Engineer. All work performed under this contract shall be performed Monday through Friday. Saturday work may be performed if approved in advance by the WVDOH District Engineer. Work will not be performed on any state or federal holiday unless approved in advance by the WVDOH District Engineer.

- 6.2 Late Delivery:** The Agency placing the order under this Contract must be notified in writing, immediately, if orders will be delayed for any reason. Vendor must specify the reason for delay and include the dates of delay. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of

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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.

- 6.3 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.
- 6.4 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.
- 6.5 Return Due to Agency Error:** Items ordered in error by the Agency will be returned for credit within 30 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. ANTI-COLLUSION CLAUSE:

- 7.1** Contractor affirms that in regard to this contract and the bidding process which underlies this contract, neither Contractor nor anyone on its behalf, including affiliate and subsidiary entities of Contractor, has:
- 7.1.1.** been a party to any collusion among potential or actual bidders or with any state or federal official or employee in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding;

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- 7.1.2 been a party to any collusion with any other potential or actual bidders, federal or state official or employee as to quantity, quality or price in the contract, or any other terms of the contract;
 - 7.1.3 been a party to any discussions between or among potential or actual bidders and any federal or state official or employees concerning exchange of money or other thing of value for special consideration in the letting or award of this of contract;
 - 7.1.4 exchanged money or other thing of value with other potential or actual bidders, federal or state officials or employees for special consideration in the letting or award of this contract;
 - 7.1.5 otherwise taken any action in restraint of free competitive bidding.
- 7.2 Contractor further affirms that that neither Contractor nor anyone on its behalf, including affiliate and subsidiary entities of Contractor, has:
- 7.2.1 made its bid in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation and that the bid is genuine and is not a sham;
 - 7.2.2 directly or indirectly colluded, conspired, connived, or agreed with any potential or actual bidder or anyone else to put in a sham bid;
 - 7.2.3 otherwise taken any action to put in a sham bid.

8. VENDOR DEFAULT:

- 8.1 The following shall be considered a vendor default under this Contract.
 - 8.1.1 Failure to provide Contract Items in accordance with the requirements contained herein.
 - 8.1.2 Failure to comply with other specifications and requirements contained herein.
 - 8.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
 - 8.1.4 Failure to remedy deficient performance upon request.
- 8.2 The following remedies shall be available to Agency upon default.

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- 8.2.1 Immediate cancellation of the Contract.
- 8.2.2 Immediate cancellation of one or more release orders issued under this Contract.
- 8.2.3 Any other remedies available in law or equity.

9. MISCELLANEOUS:

- 9.1 **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.
- 9.2 **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.
- 9.3 **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.
- 9.4 **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: Douglas Wireman
Telephone Numbers: (606) 794-1147
Fax Number: (606) 639-4482
Email Address: d.wireman@wrightconcrete.com

**Exhibit A
Pricing Page**

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Vendor should complete this Pricing Page by providing a Unit Price per each item. Vendor should complete this Pricing Page in its entirety as failure to do so may result in the Vendor's bid being disqualified. PRICING SHALL BE CONSIDERED STATEWIDE. Quantities listed on this Pricing Page are approximations and used for evaluation purposes only. It is understood and agreed that the contract shall cover the quantities actually ordered during the term of the contract, whether more or less than the quantities shown. Award will be based on **lowest overall total cost.**

Item Number	Estimated Quantity	Unit of Measure	Description	Unit Price	Extended Amount
1	25	Each	Launched Soil Nails up to 20 feet in length	\$ 412.00	\$ 10,300.00
2	100	Each	Permanently Cased Soil Nails up to 20 feet in length	\$ 522.00	\$ 52,200.00
3	100	Each	Permanently Cased Soil Nails up to 30 feet in length	\$ 690.00	\$ 69,000.00
4	100	Each	Permanently Cased Soil Nails up to 40 feet in length	\$ 800.00	\$ 80,000.00
5	50	Each	Permanently Cased Soil Nails up to 50 feet in length	\$ 925.00	\$ 46,250.00
6	50	Each	Permanently Cased Soil Nails up to 60 feet in length	\$1,000.00	\$ 50,000.00
7	50	Each	Permanently Cased Soil Nails up to 70 feet in length	\$1,100.00	\$ 55,000.00
8	50	Each	Permanently Cased Soil Nails up to 80 feet in length	\$1,200.00	\$ 60,000.00
9	100	Each	Self Drilling Soil Nails up to 20 feet in length	\$ 585.00	\$ 58,500.00
10	100	Each	Self Drilling Soil Nails up to 30 feet in length	\$ 865.00	\$ 86,500.00
11	100	Each	Self Drilling Soil Nails up to 40 feet in length	\$1,150.00	\$ 115,000.00
12	50	Each	Self Drilling Soil Nails up to 50 feet in length	\$1,375.00	\$ 68,750.00
13	50	Each	Self Drilling Soil Nails up to 60 feet in length	\$1,685.00	\$ 84,250.00
14	50	Each	Self Drilling Soil Nails up to 70 feet in length	\$1,950.00	\$ 97,500.00
15	50	Each	Self Drilling Soil Nails up to 80 feet in length	\$2,135.00	\$ 106,750.00
16	100	Square Foot	Furnish and install Shotcrete	\$ 28.95	\$ 2,895.00
17	50	Linear Foot	Extra Shoulder Build-up of Shotcrete	\$ 150.00	\$ 7,500.00
18	500	Each	Concrete Masonry Units	\$ 4.25	\$ 2,125.00
19	500	Square Foot	Geosynthetic Fabric	\$ 0.35	\$ 175.00
20	250	Square Foot	Wire Mesh Surface Treatment High Tensile Diamond Mesh	\$ 12.25	\$ 3,062.50
21	150	Square Foot	Wire Mesh Surface Treatment High Capacity Double-Twist Hexagonal Mesh	\$ 8.75	\$ 1,312.50
22	100	Each	Galvanized Steel Plates	\$ 34.50	\$ 3,450.00
23	10	Linear Foot	4 inch Strip Drain	\$ 4.15	\$ 41.50
24	10	Linear Foot	Horizontal Drains - Slotted Pipe	\$ 33.00	\$ 330.00
25	10	Linear Foot	Horizontal Drains - Perforated Pipe	\$ 34.00	\$ 340.00
26	15	Lump Sum	Mobilization/Demobilization - Standard	\$3,500.00	\$ 52,500.00
27	10	Lump Sum	Mobilization/Demobilization - Emergency	\$3,500.00	\$ 35,000.00
28	10	Day	Pilot Truck and Driver	\$ 875.00	\$ 8,750.00
29	10	Unit	Traffic Control Devices	\$ 2.25	\$ 22.50
30	10	Hour	Flagger	\$ 81.20	\$ 812.00
31	10	Day	Arrow Board	\$ 465.00	\$ 4,650.00
			TOTAL AMOUNT BID		\$1,162,966.00

Information Attachment Form A

Contractor's Experience and Personnel Requirements

Vendor shall provide the information below, as described in Section 3.4.1.1 of this contract. Information Attachment Form A **must** be submitted with bid.

Contractor's Experience:

Launched Soil Nails Projects:

Project #1 Name:	DEP Project, Grundy, WV
Project #1 Dates:	11/2004
Project #2 Name:	
Project #2 Dates:	
Project #3 Name:	
Project #3 Dates:	

Permanently Cased Soil Nails Projects:

Project #1 Name:	UPIKE Highwall
Project #1 Dates:	8/2015 - 10/2015
Project #2 Name:	UPIKE Building
Project #2 Dates:	9/2015 - 12/2015
Project #3 Name:	Hobet Impoundment Dam
Project #3 Dates:	4/2012 - 6/2012

Self Drilling Soil Nails Projects:

Project #1 Name:	Beech Creek Dam
Project #1 Dates:	7/2016 11/2016
Project #2 Name:	Logon, WV Wal-mart Highwall
Project #2 Dates:	9/2007
Project #3 Name:	Lock 12 West Wall Stabilization
Project #3 Dates:	10/2018

Information Attachment Form B

Contractor's Experience and Personnel Requirements

Vendor shall provide the information below, as described in Section 3.4.1.2 of this contract. Information Attachment Form B **must** be submitted with bid.

Supervisor Engineer's Name:	Jacob A. Hunter
Engineer's Experience:	
Launched Soil Nails Projects:	
Project #1 Name:	DEP Project, Grundy, WV
Project #1 Dates:	11/2004
Project #2 Name:	
Project #2 Dates:	
Project #3 Name:	
Project #3 Dates:	
Permanently Cased Soil Nails Projects:	
Project #1 Name:	UPIKE Highwall
Project #1 Dates:	8/2015 - 10/2015
Project #2 Name:	UPIKE Building
Project #2 Dates:	9/2015-12/2015
Project #3 Name:	Hobet Impoundment Dam
Project #3 Dates:	4/2012
Self Drilling Soil Nails Projects:	
Project #1 Name:	Beech Creek Dam
Project #1 Dates:	7/2016 - 11/2016
Project #2 Name:	Logon, WV Wal-mart
Project #2 Dates:	9/2015
Project #3 Name:	Lock 12 West Wall Stabilization
Project #3 Dates:	10/2018

Information Attachment Form C

Contractor's Experience and Personnel Requirements

Vendor shall provide the information below, as described in Section 3.4.1.3 of this contract. Information Attachment Form C **must** be submitted with bid.

Equipment Operator's Name:	Shannon Wright, Kendall Wright, Shannon Burke,
Operator's Experience:	
Launched Soil Nails Projects:	
Project #1 Name:	DEP Project, Grundy, WV
Project #1 Dates:	11/2004
Project #2 Name:	
Project #2 Dates:	
Project #3 Name:	
Project #3 Dates:	
Permanently Cased Soil Nails Projects:	
Project #1 Name:	UPIKE Highwall
Project #1 Dates:	8/2015 - 10/2015
Project #2 Name:	UPIKE Building
Project #2 Dates:	9/2015 - 12/2015
Project #3 Name:	Hobet Impoundment Dam
Project #3 Dates:	4/2012
Self Drilling Soil Nails Projects:	
Project #1 Name:	Beech Creek Dam
Project #1 Dates:	7/2016 - 11/2016
Project #2 Name:	Logan, WV Wal-mart
Project #2 Dates:	9/2007
Project #3 Name:	Lock 12 West Wall Stabilization
Project #3 Dates:	10/2018

Information Attachment Form D

Contractor's Experience and Personnel Requirements

Vendor shall provide the information below, as described in Section 3.4.1.4 of this contract. Information Attachment Form D **must** be submitted with bid.

Foreman's Name:	Shannon Wright, Kendall Wright, Shannon Burke	
Foreman's Experience:	Launched Soil Nails, Permanently Cased Soil Nails and Self-Drilling Soil Nails Projects:	
Project #1 Name:	DEP Project, Grundy, VA	
Project #1 Dates:	11/2004	
Project #1 Nail Type:	Launched	
Project #2 Name:	Logan, WV Wal-mart	
Project #2 Dates:	9/2007	
Project #2 Nail Type:	Self-drilled	
Project #3 Name:	Lock 12 West Wall Stabilization	
Project #3 Dates:	10/2018	
Project #3 Nail Type:	75' Self-drilling	
Nozzleman's Name:	Kendall Wright, Shannon Burke and Brandon Vanover	
and ACI Certification #:	#01327334, #01327333	
Nozzleman's Experience:	Number of Square Feet of Shotcrete applied in 3 years:	
		650,000 SF
Dates of installation:	2015	
Dates of installation:	2016	
Dates of installation:	2017	
Dates of installation:	2018	

Information Attachment Form E

Contractor's Experience and Personnel Requirements

Contractor's Experience and Personnel Requirements

Vendor shall provide the information below, as described in Section 3.4.2 of this contract. Information Attachment E **must** be submitted to the WVDOH District Engineer prior to each project. Before any worker can participate on a project, signed approval, to Information Attachment Form E, by the WVDOH District Engineer is required.

Supervisor Engineer's Name:	Jacob Hunter
Years of Engineer's Experience:	10
Equipment Operator's Name:	Shannon Wright, Kendall Wright, Shannon Burke
Years of Operator's Experience:	20
Foreman's Name:	Shannon Wright, Kendall Wright, Shannon Burke
Years of Foreman's Experience:	20
Nozzleman's Name:	Kendall Wright, Shannon Burke, Brandon Vanover
Nozzleman's ACI Certification #:	#01327334, #01327333
Years of Nozzleman's Experience:	20

APPROVED BY:

WVDOH District Engineer's Signature

Date

District
Project

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) 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, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Wright Concrete and Construction, Inc.

Authorized Signature: _____

Shannon Wright

Date: 3/11/19

State of Kentucky

County of State At-Large, to-wit:

Taken, subscribed, and sworn to before me this 11 day of March, 2019.

My Commission expires April 20, 2019.

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]

West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$1 million or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation, but does not include publicly traded companies listed on a national or international stock exchange.

"Interested party" or "Interested parties" means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of *W. Va. Code* § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: Wright Concrete Address: PO Box 348
Dorton, KY 41520

Name of Authorized Agent: Shannon Wright Address: Same as above

Contract Number: C00007263 Contract Description: Concrete Construction

Governmental agency awarding contract: WVDOH

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

Shannon Wright
Kendall Wright

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: Shannon Wright

Date Signed: 3/11/19

Notary Verification

State of Kentucky, County of State At Large:

I, Shannon Wright, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 11th day of March, 2019

[Signature]
Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____



WRIGH-1

OP ID: SL

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

03/11/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

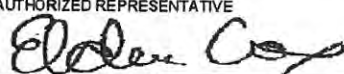
PRODUCER Kentucky Insurance Group LLC 2443 Sir Barton Way, Suite 400 Lexington, KY 40509 Elden Cox	859-543-1716	CONTACT NAME: Elden Cox PHONE (A/C, No, Ext): 859-543-1716 FAX (A/C, No): 859-543-1987 E-MAIL ADDRESS: ecox@kentuckyinsurancegroup.com
	INSURER(S) AFFORDING COVERAGE	
INSURED Wright Concrete & Construction, Inc. (See notes for ALL named insureds on policy) Shannon Wright PO Box 358 Dorton, KY 41520	INSURER A: The Cincinnati Specialty	
	INSURER B: Frankenmuth Mutual	
	INSURER C: Lexington Insurance Company	
	INSURER D: RLI Insurance Company	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER <input type="checkbox"/> POLICY <input type="checkbox"/> PROJEC <input type="checkbox"/> LOC OTHER			CSU 0078372	12/31/2018	12/31/2019	EACH OCCURRENCE \$ 1,000,000
		DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000					
		MED EXP (Any one person) \$ 1,000					
		PERSONAL & ADV INJURY \$ 1,000,000					
		GENERAL AGGREGATE \$ 2,000,000					
		PRODUCTS - COMP/OP AGG \$ 2,000,000					
		Emp Ben. \$ 1,000,000					
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			6611749	12/31/2018	12/31/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
		BODILY INJURY (Per person) \$					
		BODILY INJURY (Per accident) \$					
		PROPERTY DAMAGE (Per accident) \$					
		\$					
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			025422646-3	12/31/2018	12/31/2019	EACH OCCURRENCE \$ 5,000,000
		AGGREGATE \$ 5,000,000					
		\$					
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N <input type="checkbox"/> N/A If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE OTH-ER
		E L EACH ACCIDENT \$					
		E L DISEASE - EA EMPLOYEE \$					
		E L DISEASE - POLICY LIMIT \$					
D	Scheduled Equip			ILM0300776	12/31/2018	12/31/2019	Limit 4,854,707 Ded 2,500

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER WV DIVVHY West Virginia Division of Highways Contract Admin Bldg 5, Room 722 1900 Kanawha Blvd East Charleston, WV 25305	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

Named Insured's on policy:

Wright Concrete & Construction
Wright Concrete & Underground, LLC
Wrightway Ready-Mix, LLC
Wrightway Drilling & Exploration, LLC
Wrightway Ready-Material Solutions, LLC
Wrightway Enterprises, Inc.
dba Wrightway Rental & Supply
dba Thoroughbred Concrete Pumping, Inc.
Wright Block & Precast, LLC
Wrightway Pumping
Kanawha River Materials, LLC
Wright Xpress Conveyor & Vulcanizing, LLC



State of West Virginia
Request For Quotation

Procurement Folder : 540230

Document Description : SLIDE REPAIR USING SOIL NAILS

Procurement Type : Agency Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version	Phase
2019-02-21	2019-03-07 14:30:00	ARFQ 0803 DOT1900000030	1	Final

SUBMIT RESPONSES TO:	VENDOR
FINANCE & ADMINISTRATION DIVISION OF HIGHWAYS BLDG 5, RM A-220 1900 KANAWHA BLVD E CHARLESTON WV 25302 US	Vendor Name, Address and Telephone

FOR INFORMATION CONTACT THE

Dusty J Smith
(304) 558-9398
dusty.j.smith@wv.gov

Signature X

Shanna Wight

FEIN #

01-1319277

DATE

3/11/19

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

*****NOTICE*****

MAKE SURE YOU DOWNLOAD ALL INFORMATION
TERMS AND CONDITIONS-SPECIFICATIONS-INFORMATIONAL ATTACHMENTS-PURCHASING AFFIDAVIT-PRICING PAGES

PLEASE NOTE THAT TO BE AWARDED THIS CONTRACT YOU WILL BE TO A REGISTER VENDOR WITH WV STATE PURCHASING, AND COMPLIANT WITH SEVERAL AGENCIES SUCH AS THE WWSOS, TAX DEPARTMENT, WORKER'S COMPENSATION, AND UNEMPLOYMENT INSURANCE

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Commodity Line Description	Qty	Unit Issue	Unit Price	Total Price
1	SLIDE REPAIR USING SOIL NAILS 6619C042	0.00000	EA		

Commodity Code	Manufacturer	Model #	Specification
72141003			

Extended Description

PER THE ATTACHED SLIDE REPAIR USING SOIL NAILS
PRICING PAGES

SCHEDULE OF EVENTS

Line	Event	Event Date
1	TECHNICAL QUESTION DUE @ 10AM	2019-02-28

DOT1900000030	Document Phase Final	Document Description SLIDE REPAIR USING SOIL NAILS 6619C042	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

ADDITIONAL INFORMATION:

*****NOTICE*****

MAKE SURE YOU DOWNLOAD ALL INFORMATION

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INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Commodity Line Description	Qty	Unit Issue	Unit Price	Total Price
1	SLIDE REPAIR USING SOIL NAILS 6619C042	0.00000	EA		

Commodity Code	Manufacturer	Model #	Specification
72141003			

Extended DescriptionPER THE ATTACHED SLIDE REPAIR USING SOIL NAILS
PRICING PAGES**SCHEDULE OF EVENTS**

Line	Event	Event Date
1	TECHNICAL QUESTION DUE @ 10AM	2019-02-28

DOT1900000030	Document Phase Final	Document Description SLIDE REPAIR USING SOIL NAILS 6619C042	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

AGENCY SOLICITATION NUMBER – ARFQ DOT1900000030
Addendum Number: 1

The Purpose of this addendum is to modify the solicitation identified as ("Agency Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specification of product or service being sought
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

Adding the Pricing pages to the Solicitation

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provision of the Agency Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Agency Solicitation by completing an Addendum Acknowledgement, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing



State of West Virginia
Request For Quotation

Procurement Folder : 540230

Document Description : SLIDE REPAIR USING SOIL NAILS

Procurement Type : Agency Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version	Phase
2019-03-04	2019-03-11 14:30:00	ARFQ 0803 DOT1900000030	3	Final

SUBMIT RESPONSES TO:	VENDOR
FINANCE & ADMINISTRATION DIVISION OF HIGHWAYS BLDG 5, RM A-220 1900 KANAWHA BLVD E CHARLESTON US	Vendor Name, Address and Telephone WV 25302

FOR INFORMATION CONTACT THE

Dusty J Smith
(304) 558-9398
dusty.j.smith@wv.gov

Signature X

Shanna Wight

FEIN #

61-1399277

DATE

3/11/19

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

*****NOTICE*****

MAKE SURE YOU DOWNLOAD ALL INFORMATION

TERMS AND CONDITIONS-SPECIFICATIONS-INFORMATIONAL ATTACHMENTS-PURCHASING AFFIDAVIT-PRICING PAGES

PLEASE NOTE THAT TO BE AWARDED THIS CONTRACT YOU WILL BE TO A REGISTER VENDOR WITH WV STATE PURCHASING, AND COMPLIANT WITH SEVERAL AGENCIES SUCH AS THE WWSOS, TAX DEPARTMENT, WORKER'S COMPENSATION, AND UNEMPLOYMENT INSURANCE

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Commodity Line Description	Qty	Unit Issue	Unit Price	Total Price
1	SLIDE REPAIR USING SOIL NAILS 6619C042	0.00000	EA		

Commodity Code	Manufacturer	Model #	Specification
72141003			

Extended DescriptionPER THE ATTACHED SLIDE REPAIR USING SOIL NAILS
PRICING PAGES**SCHEDULE OF EVENTS**

Line	Event	Event Date
1	TECHNICAL QUESTION DUE @ 10AM	2019-02-28

DOT1900000030	Document Phase Final	Document Description SLIDE REPAIR USING SOIL NAILS 6619C042	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

AGENCY SOLICITATION NUMBER – ARFQ DOT1900000030
Addendum Number: 2

The Purpose of this addendum is to modify the solicitation identified as ("Agency Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specification of product or service being sought
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

**To answer vendor posed questions.
To revise Section 3.2.4.**

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provision of the Agency Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Agency Solicitation by completing an Addendum Acknowledgement, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

To answer vendor posed question.

Question #1 Section 3.2.1 Launched Soil Nails - Can a self drilling, galvanized hollow bar that meets the thickness, diameters and strength be an alternate for the launched nail.

Response #1 If the self-drilling, galvanized hollow bar meets all requirements of Section 3.2.1, all other requirements of the contract specifications and can be installed in the requested manner, the self-drilling hollow bar could be considered as an equivalent or acceptable alternative to the launched soil nail.

If, after evaluation of all submitted bids, the Vendor submitting a bid for the self-drilling, galvanized hollow bar is the lowest overall total cost vendor, the WVDOH will evaluate the self-drilling, galvanized hollow bar and the information provided on the Information Attachment Forms to determine equivalency. The WVDOH reserves the right to request additional information from the potential awarded Vendor prior to award of the contract.

Comment #1: Please replace the entire current Section 3.2.4 Shotcrete with the attached REVISED Section 3.2.4 Shotcrete – 02-28-2019.

REVISED Section 3.2.4 Shotcrete – 02-28-2019

3.2.4 Shotcrete:

Shotcreting shall consist of applying one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface with a nominal thickness of 6 inches with either welded wire fabric or triple twisted galvanized wire mesh approximately 2 inches from the outside surface. Vendor shall furnish shotcrete complying with the requirement of ACI 506.2, except as otherwise specified below.

3.2.4.1 Produce shotcrete by either a wet-mix or a dry-mix process. The wet-mix process consists of thoroughly mixing all the ingredients except accelerating admixtures, but including the mixing water, introducing the mixture into the delivery equipment and delivering it, by positive displacement, to the nozzle. Air jet the wet-mix shotcrete from the nozzle at high velocity onto the surface. The dry-mix process consists of producing shotcrete by delivering the dry ingredients conveyed pneumatically with the mixing water introduced at the nozzle. For additional descriptive information, refer to ACI 506R.

Materials for shotcrete shall conform to the following requirements:

Cement: Standard Specs Section 701.1

Fine Aggregate: Standard Specs Section 702.1 (except for gradation)

Course Aggregate: Standard Specs Section 703.1 or 703.2

Water Clean and Potable: Standard Specs Section 715.7

Chemical Admixtures Accelerator: Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141 Type C or E.

Water-Reducer and Superplasticizer: AASHTO M194/ASTM C494 Type A, D, F or G

Retarders: AASHTO M194/ASTM C494 Type B or D. Mineral Admixtures

Fly Ash: Standard Specs Section 707.4.1. Replacement up to 20% by weight of cement.

Silica Fume: Standard Specs Section 707.4.3. 85% minimum silicon dioxide solids content, not to exceed 8% by weight of cement.

Welded Wire Fabric: AASHTO M55/ASTM A185 or A497

Fiber reinforcement: ASTM C1116

Rebar Mat: Shall be included with the Shotcrete and shall conform to Standard Specs Sections 709.1 and 709.4.

Prepackaged Shotcrete: ASTM C928

Vendor shall deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Vendor shall store liquid admixtures to prevent evaporation and freezing.

Aggregate to be used for the shotcrete must meet the strength and durability requirements of AASHTO, as applicable, and the following gradation requirements:

<u>Sieve Size</u>	<u>Percent Passing by Weight</u>
1/2"	100
3/8"	90-100
No. 4	70-85
No. 8	50-70
No. 16	35-55
No. 30	20-35
No. 50	8-20
No. 100	2-10

The proportion of the shotcrete must be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 24.3 pounds per cubic foot and water/cement ratio not greater than 0.55. Admixtures not approved by the WVDOH District Engineer are not acceptable.

Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement, non-corrosive steel and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260.

Air entrainment is not required for temporary shotcrete construction facings, but shall be used in all exposed permanent shotcrete. A minimum 8.5%+/-2.5% air entrainment shall be in the concrete mixture before shooting for wet-mix shotcrete. Dry-mix shotcrete may be used, provided that the in-place air entrainment shall be checked at least once at the beginning of the operation and once after restarting the shotcrete process after any breaks each day and found that the in-place mixture has a minimum of 4% air entrainment.

Vendor shall provide shotcrete with a minimum design compressive strength of 2000 psi in three days and 4000 psi in 28 days when tested in accordance with ASTM C1140 and ASTM C42. Results from at least one (1) test panel for each mix design shall be submitted to the WVDOH District Engineer prior to construction unless otherwise directed by the WVDOH District Engineer.

The batch aggregate and cement by weight or by volume must be in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C685. The mixing equipment must thoroughly blend the materials in sufficient quantity to maintain placing continuity. Ready Mix shotcrete must comply with AASHTO M157. The batch, delivery and placement of shotcrete must be within 90 minutes of mixing. The use of retarding admixtures may extend application time beyond 90 minutes if approved by the WVDOH District Engineer.

3.2.4.2 After award, *prior to each contracted project*, the vendor shall provide proposed mix design and method of placement of shotcrete, meeting all requirement of Section 3.2.4, to the WVDOH, Materials Controls, Soils and Testing Division for approval. Only after WVDOH approval shall the vendor proceed with shotcrete placement.
<http://www.transportation.wv.gov/highways/mcst/pages/materialprocedures.aspx>

West Virginia Division of Highways
Materials Control, Soils and Testing Division
190 Dry Branch Road
Charleston, West Virginia 25306
304-558-3160

Strength test results for proposed shotcrete mix completed within one year of the start of Shotcreting may be submitted for initial verification of the required compressive strengths at the start of production work.

3.2.4.3 The Contractor shall abide by the following shotcrete installation instructions. All installation shall be handled by the Contractor unless otherwise specified herewith.

Work shall only begin after receiving approval of the design mix and continue if the specified strengths are obtained. The Contractor is to provide all work required to obtain satisfactory strength tests at no additional cost to WVDOH.

The Contractor shall maintain the face of the excavation and other surfaces clean of loose materials, mud, rebound, overspray or other foreign matter that could prevent or reduce shotcrete bond. Any surface materials that is loosened or damaged, to a sufficient depth should be removed. Any material that loosens during application shall be removed. The adjacent surfaces shall be protected from overspray during shooting. During the excavation and cleaning process, the ground shall not be loosened, cracked or shattered. Water flow shall be diverted and standing water shall be removed so that shotcrete placement will not be affected.

The Contractor shall maintain a clean, dry, oil-free supply of compressed air sufficient for maintaining adequate nozzle velocity, at all times. The equipment shall be capable of delivering the premixed material accurately, uniformly and continuously through the delivery hose. To prevent sagging or sloughing of freshly-applied shotcrete, control must be taken with the application thickness, nozzle technique, air pressure and rate of shotcrete placement.

The shotcrete shall be applied from the lower part of the area upward to prevent accumulation of rebound. The placement of the nozzle shall be at a distance and approximately perpendicular to the working face so that rebound will be minimal and compaction will be maximized. Rebound shall not be worked back into the construction. Where shotcrete is used to complete the top ungrouted zone of the nail drill-hole near the face, the nozzle shall be positioned into the mouth of the drill-hole to complete fill the void.

A clearly defined pattern of continuous horizontal or vertical ridges or depressions at the reinforcing elements after they are covered with shotcrete will be considered as indication of insufficient reinforcement cover or poor nozzle techniques. In this case, immediately suspend the application of shotcrete and implement corrective measures. Correct the shotcreting procedure by adjusting the nozzle distance and orientation,

insuring adequate cover over the reinforcement and adjusting the water content of the shotcrete mix or other means.

Any shotcrete surface defects shall be repaired after placement as soon as possible. Any shotcrete that exhibits segregation, honeycombing, lamination, void or sand pockets, or excessive shrinkage cracking shall be removed and replaced. In-place shotcrete not meeting the specified strength requirement will be subject to remediation. Possible remediation options include placement of additional shotcrete thickness or removal and replacement, at no additional cost to the WVDOH.

A minimum reinforcement overlap shall be provided at reinforcement splice joints as per industry standards. The surface of a joint shall be cleaned and wet before adjacent shotcrete is applied. Where shotcrete is used to complete the top ungrouted zone of the nail drill-hole near the face, to the maximum extent practical, clean and dampen the upper grout surface to receive shotcrete, like a construction joint.

Shotcrete shall not be installed on frozen surfaces or ground. Cold weather protection shall be maintained if the temperature, after placement, is below 32° F until the in-place compressive strength of the shotcrete is greater than 725 psi. Cold weather protection may require blankets, heating under tents or other means acceptable to the WVDOH. The shotcrete mix shall be deposited at a temperature of not less than 32°F or more than 100°F.

During high wind or rain, unless suitable protective covers, enclosures or wind breaks are installed, shotcrete application shall be suspended. Any newly placed shotcrete that has been exposed to rain making the shotcrete unacceptable shall be removed and replaced. A polyethylene film or equivalent shall be used to protect the work from exposure to adverse weather. During hot weather or dry, windy conditions, the newly placed shotcrete shall be protected from drying by moisture curing until curing compound can be applied. Curing compound shall be applied with 24 hours of placement.



State of West Virginia
Request For Quotation

Procurement Folder : 540230

Document Description : SLIDE REPAIR USING SOIL NAILS

Procurement Type : Agency Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version	Phase
2019-03-05	2019-03-11 14:30:00	ARFQ 0803 DOT1900000030	4	Final

SUBMIT RESPONSES TO:	VENDOR
FINANCE & ADMINISTRATION DIVISION OF HIGHWAYS BLDG 5, RM A-220 1900 KANAWHA BLVD E CHARLESTON US	Vendor Name, Address and Telephone WV 25302

FOR INFORMATION CONTACT THE

Dusty J Smith
(304) 558-9398
dusty.j.smith@wv.gov

Signature X

Shannon Wright

FEIN #

61-1319277

DATE

3/11/19

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

*****NOTICE*****

MAKE SURE YOU DOWNLOAD ALL INFORMATION

TERMS AND CONDITIONS-SPECIFICATIONS-INFORMATIONAL ATTACHMENTS-PURCHASING AFFIDAVIT-PRICING PAGES

PLEASE NOTE THAT TO BE AWARDED THIS CONTRACT YOU WILL BE TO A REGISTER VENDOR WITH WV STATE PURCHASING, AND COMPLIANT WITH SEVERAL AGENCIES SUCH AS THE WWSOS, TAX DEPARTMENT, WORKER'S COMPENSATION, AND UNEMPLOYMENT INSURANCE

INVOICE TO		SHIP TO	
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER		STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER	
No City	WV99999	No City	WV 99999
US		US	

Line	Commodity Line Description	Qty	Unit Issue	Unit Price	Total Price
1	SLIDE REPAIR USING SOIL NAILS 6619C042	0.00000	EA		

Commodity Code	Manufacturer	Model #	Specification
72141003			

Extended Description

PER THE ATTACHED SLIDE REPAIR USING SOIL NAILS
PRICING PAGES

SCHEDULE OF EVENTS

Line	Event	Event Date
1	TECHNICAL QUESTION DUE @ 10AM	2019-02-28

DOT1900000030	Document Phase Final	Document Description SLIDE REPAIR USING SOIL NAILS 6619C042	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

AGENCY SOLICITATION NUMBER – ARFQ DOT1900000030
Addendum Number: 3

The Purpose of this addendum is to modify the solicitation identified as (“Agency Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specification of product or service being sought
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

To answer vendor posed questions.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provision of the Agency Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Agency Solicitation by completing an Addendum Acknowledgement, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ARFQ DOT1900000030 Slide Repair Using Soil Nails by the Vendor 6619C042

To answer vendor posed question.

Question #1 Is there an engineer estimate available for this project?

Response #1 This is not for a project. Per Section 1. of the Contract Specifications, "...Highways is soliciting bids to establish an open-end contract for....."
Per Section 4.2, paragraph two of the Contract Specifications, "Actual quantities will be provided to the awarded vendor on a Delivery Order at the time of need."