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

TERMS OF SALE

Request for REQNUMBER Quotation

DEFK8082

FREIGHT TERMS

ADDRESS CORRESPONDENCE TO ATTENTION OF JOHN ABBOTT

304-558-2544

RFQ COPY TYPE NAME/ADDRESS HERE DIV ENGINEERING & FACILITIES NATIONAL GUARD ARMORY TRI-STATE ROOFING & SHEET METAL CO. 20-B AVENUE, RIVERSIDE ADD. þ P. O. BOX 1231 ŏ CHARLESTON, WV 25324 RICHWOOD, WV 26261 341-6368

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JOHN ABBOTT 304-558-2544

CHARLESTON, WV 25324

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DIV ENGINEERING & FACILITIES NATIONAL GUARD ARMORY 20-B AVENUE, RIVERSIDE ADD.

RICHWOOD, WV 26261

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CHARLESTON, WV

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341-6368

RIVERSIDE ADD.

RFQ COPY TYPE NAME/ADDRESS HERE TRI-STATE ROOFING & SHEET METAL CO. P. O. BOX 1231

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P. O. BOX 1231

CHARLESTON, WV

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TRI-STATE ROOFING & SHEET METAL CO.

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State of West Virginia
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JOHN ABBOTT 304-558-2544

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RICHWOOD, WV 26261

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RICHWOOD NATIONAL GUARD ARMORY RICHWOOD, WEST VIRGINIA

BALLASTED EPDM REROOF SPECIFICATION

PART 1 GENERAL

1.01 DESCRIPTION

- A The Richwood National Guard Armory is located at 20 B Ave, Riverside Addition, in Richwood, West Virginia. Michael J Beckner, Armory Facilities Manager, is the Owner's Representative and may be contacted regarding any questions or for a pre-bid job site inspection, phone 304-561-6333
- B The project consists of installing Carlisle's Sure-Seal Design "B" Loose Laid Ballasted Roofing System OR STATE APPROVED EQUAL as outlined below:

Apply the Ballasted EPDM Roofing System in conjunction with new Carlisle 1.5" Poly Iso Insulation after tear off of the existing Ballasted EPDM roof and existing 1.5" insulation to expose the existing 2" Tectum deck for verification of suitable substrate as specified in this specification. Replace existing tectum where necessary due to deterioration of existing deck. Price deck replacement in base bid based on Square Foot. Mr. Bob Dooley, Richwood Facility Manager will be available to review deck replacement. Mr. Dooley must be contacted before deck is replaced for verification of needed deck replacement.

1.02 EXTENT OF WORK

- A Provide all labor, material, tools, equipment, and supervision necessary to complete the installation of a 060 Standard Black EPDM membrane Loose Laid Ballasted Roofing System including flashings and insulation as specified herein and as indicated on the drawings in accordance with the manufacturer's most current specifications and details
- B The roofing contractor shall be fully knowledgeable of all requirements of the contract documents and shall make themselves aware of all job site conditions that will affect their work.
- C. The roofing contractor shall confirm all given information and advise the building owner, prior to bid, of any conflicts that will affect their cost proposal.
- D. Any contractor who intends to submit a bid using a roofing system other than the approved manufacturer must submit for pre-qualification in writing fourteen (14) days prior to the bid date. Any contractor who fails to submit all information as requested will be subject to rejection. Bids stating "as per plans and specs" will be unacceptable.
- E. NOTE: Check Section 209, Other related work for further details.

1.03 SUBMITTALS

- A Prior to starting work, the roofing contractor must submit the following:
 - Shop drawings showing layout, details of construction and identification of materials
 - 2. Sample of the manufacturer's Membrane System Warranty
 - 3. Submit a letter of certification from the manufacturer which certifies the roofing contractor is authorized to install the manufacturer's roofing system and lists foremen who have received training from the manufacturer along with the dates training was received.
 - 4 Submit a letter of certification from the manufacturer stating the size and weight of the required ballast are in accordance with ANSI (American National Standards Institute) ANSI/SPRI RP-4 (dated July 7, 1997) Wind Design Standard for Ballasted Single-Ply Roofing Systems NOTE: Carlisle SynTec will not be required for notification as approval has already been verified
 - 5. Certification of the manufacturer's warranty reserve.
- B. Upon completion of the installed work, submit copies of the manufacturer's final inspection to the specifier prior to the issuance of the manufacturer's warranty.

1.04 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Deliver materials to the job site in the manufacturer's original, unopened containers or wrappings with the manufacturer's name, brand name and installation instructions intact and legible. Deliver in sufficient quantity to permit work to continue without interruption.
- B. Comply with the manufacturer's written instructions for proper material storage.
 - 1. Store materials, except membrane, between 60°F and 80°F in dry areas protected from water and direct sunlight. If exposed to lower temperature, restore to 60°F minimum temperature before using.
 - 2. Store materials containing solvents in dry, well ventilated spaces with proper fire and safety precautions. Keep lids on tight. Use before expiration of their shelf life.
- C Insulation must be on pallets, off the ground and tightly covered with waterproof materials.
- D. Any materials which are found to be damaged shall be removed and replaced at the applicator's expense.

1.05 WORK SEQUENCE

A. Schedule and execute work to prevent leaks and excessive traffic on completed roof sections. Care should be exercised to provide protection for the interior of the building and to ensure water does not flow beneath any completed sections of the membrane system.

B. Do not disrupt activities in occupied spaces.

1.06 USE OF THE PREMISES

- A Before beginning work, the roofing contractor must secure approval from the building owner's representative for the following:
 - Areas permitted for personnel parking.
 - 2. Access to the site
 - 3. Areas permitted for storage of materials and debris.
 - 4 Areas permitted for the location of cranes, hoists and chutes for loading and unloading materials to and from the roof.
- B. Interior stairs or elevators may not be used for removing debris or delivering materials, except as authorized by the building superintendent.

1.07 EXISTING CONDITIONS

If discrepancies are discovered between the existing conditions and those noted on the drawings, immediately notify the owner's representative by phone and solicit the manufacturer's approval prior to commencing with the work. Necessary steps shall be taken to make the building watertight until the discrepancies are resolved.

1.08 PRE-CONSTRUCTION CONFERENCE

- A. A pre-bid meeting will be held at the job site. A time and date will be provided. Contact the owner's representative if there are any questions.
- B. Prior to bid submittal, the roofing contractor should schedule a job site inspection to observe actual conditions and verify all dimensions on the roof. The job site inspection may occur on the day of the pre-bid meeting or prior to such a meeting. Should access to the roof be necessary before or after the pre-bid meeting, the contractor must contact the owner's representative to coordinate an appropriate time.
- C. Any conditions which are not shown on the shop drawings should be indicated on a copy of the shop drawing and included with bid submittal if necessary to clarify any conditions not shown.

1.09 TEMPORARY FACILITIES AND CONTROLS

- A. Temporary Utilities:
 - Water, power for construction purposes and lighting are available at the site and wil be made available to the roofing contractor.
 - 2. Provide all hoses, valves and connections for water from source designated by the owner when made available.
 - 3. When available, electrical power should be extended as required from the source. Provide all trailers, connections and fused disconnects.
- B. Temporary Sanitary Facilities

Sanitary facilities will not be available at the job site. The roofing contractor shall be responsible for the provision and maintenance of portable toilets or their equal.

C. Building Site:

- The roofing contractor shall use reasonable care and responsibility to protect the building and site against damages. The contractor shall be responsible for the correction of any damage incurred as a result of the performance of the contract.
- The roofing contractor shall remove all debris from the job site in a timely and legally acceptable manner so as to not detract from the aesthetics or the functions of the building

D. Security:

Obey the owner's requirements for personnel identification, inspection and other security measures.

1.10 JOB SITE PROTECTION

- A The roofing contractor shall adequately protect building, paved areas, service drives, lawn, shrubs, trees, etc from damage while performing the required work. Provide canvas, boards and sheet metal (properly secured) as necessary for protection and remove protection material at completion. The contractor shall repair or be responsible for costs to repair all property damaged during the roofing application.
- B During the roofing contractor's performance of the work, the building owner will continue to occupy the existing building. The contractor shall take precautions to prevent the spread of dust and debris, particularly where such material may sift into the building. The roofing contractor shall provide labor and materials to construct, maintain and remove necessary temporary enclosures to prevent dust or debris in the construction area(s) from entering the remainder of the building.
- C. Do not overload any portion of the building, either by use of or placement of equipment, storage of debris, or storage of materials.
- D Protect against fire and flame spread. Maintain proper and adequate fire extinguishers.
- E. Take precautions to prevent drains from clogging during the roofing application. Remove debris at the completion of each day's work and clean drains, if required. At completion, test drains to ensure the system is free running and drains are watertight. Remove strainers and plug drains in areas where work is in progress. Install flags or other telltales on plugs. Remove plugs each night and screen drain.
- F. Store moisture susceptible materials above ground and protect with waterproof coverings.
- G Remove all traces of piled bulk materials and return the job site to its original condition upon completion of the work.

1.11 SAFETY

The roofing contractor shall be responsible for all means and methods as they relate to safety and shall comply with all applicable local, state and federal requirements that are safety related. Safety shall be the responsibility of the roofing contractor. All related personnel shall be instructed daily to be mindful of the full time requirement to maintain a safe environment for the facility's occupants including staff, visitors, customers and the occurrence of the general public on or near the site

1.12 WORKMANSHIP

- A. Applicators installing new roof, flashing and related work shall be factory trained and approved by the manufacturer they are representing
- B. All work shall be of highest quality and in strict accordance with the manufacturer's published specifications and to the building owner's satisfaction.
- C. There shall be a supervisor on the job site at all times while work is in progress.

1.13 QUALITY ASSURANCE

- A. The EPDM membrane roofing system must achieve a UL Class A rating.
- B. The manufacturer must have a minimum of 20 years experience in the manufacturing of vulcanized thermal set sheeting.
- C. Unless otherwise noted in this specification, the roofing contractor must strictly comply with the manufacturer's current specifications and details.
- D The roofing system must be installed by an applicator authorized and trained by the manufacturer in compliance with shop drawings as approved by the manufacturer. The roofing applicator shall be thoroughly experienced and upon request be able to provide evidence of having at least five (5) years successful experience installing single-ply EPDM roofing systems and having installed at least five (5) roofing application or several similar systems of equal or greater size within the past one (1) year
- Provide adequate number of experienced workmen regularly engaged in this type of work who are skilled in the application techniques of the materials specified. Provide at least one thoroughly trained and experienced superintendent on the job at all times roofing work is in progress.
- F. There shall be no deviations made from this specification or the approved shop drawings without the prior written approval of the specifier. Any deviation from the manufacturer's installation procedures must be supported by a written certification on the manufacturer's letterhead and presented for the specifier's consideration.
- G. Upon completion of the installation, the applicator shall arrange for an inspection to be made by a non-sales technical representative of the membrane manufacturer in order to determine whether or not corrective work will be required before the warranty will be issued. Notify the building owner seventy-two (72) hours prior to the manufacturer's final inspection.

1.14 JOB CONDITIONS, CAUTIONS AND WARNINGS

Refer to Carlisle's Design "B" Loose Laid Ballasted Roofing System specification, Part II - Application, for General Iob Site Considerations

- A. Material Safety Data Sheets (MSDS) must be on location at all times during the transportation, storage and application of materials.
- B. When positioning membrane sheets, exercise care to locate all field splices away from low spots and out of drain sumps All field splices should be shingled to prevent bucking of water.
- C. When loading materials onto the roof, the Carlisle Authorized Roofing Applicator must comply with the requirements of the building owner to prevent overloading and possible disturbance to the building structure.
- D. Proceed with roofing work only when weather conditions are in compliance with the manufacturer's recommended limitations, and when conditions will permit the work to proceed in accordance with the manufacturer's requirements and recommendations.
- E. Proceed with work so new roofing materials are not subject to construction traffic.

 When necessary, new roof sections shall be protected and inspected upon completion for possible damage
- F. Provide protection, such as 3/4 inch thick plywood, for all roof areas exposed to traffic during construction. Plywood must be smooth and free of fasteners and splinters.
- G. The surface on which the insulation or roofing membrane is to be applied shall be clean, smooth, dry, and free of projections or contaminants that would prevent proper application of or be incompatible with the new installation, such as fins, sharp edges, foreign materials, oil and grease.
- H. New roofing shall be complete and weathertight at the end of the work day.
- I. Contaminants such as grease, fats and oils shall not be allowed to come in direct contact with the roofing membrane.

1.15 WARRANTY

- A. Provide manufacturer's fifteen (15) year Total System Warranty covering both labor and material with no dollar limitation. The maximum wind speed coverage shall be peak gusts of 55 mph measured at 10 meters above ground level. Certification is required with bid submittal indicating the manufacturer has reviewed and agreed to such wind coverage.
 - B. Pro-rated System Warranties shall not be accepted.
 - C. Evidence of the manufacturer's warranty reserve shall be included as part of the project submittals for the specifier's approval.

PART 2 PRODUCTS

2.01 GENERAL

- A. All components of the specified roofing system shall be products of Carlisle SynTec Incorporated or accepted by Carlisle as compatible.
- B. Unless otherwise approved by the specifier and accepted by the membrane manufacturer, all products (including insulation, fasteners, fastening plates and edgings) must be manufactured and supplied by the roofing system manufacturer and covered by the warranty.

2.02 MEMBRANE

Furnish Carlisle 060 Std. FR EPDM (Ethylene, Propylene, Diene Terpolymer) in the largest sheet possible. The membrane shall conform to the minimum physical properties of ASTM D4637.

2.03 INSULATION/UNDERLAYMENT

- A Insulation shall be loose laid over the substrate and, when applicable, shall be installed in multiple layers Mechanical attachment of the insulation is not required in accordance with the manufacturer's published specifications.
- B. Insulation shall be 1.5" Sure-Seal Poly Iso as supplied by Carlisle. Minimum R-value required is 9.

2.04 ADHESIVES AND CLEANERS

All products shall be furnished by Carlisle and specifically formulated for the intended purpose

- A. Bonding Adhesive
- B Splicing Cement: Sure-Seal EP-95 Splicing Cement
- C. Splice Tape and Primer: Sure-Seal SecurTAPE and HP-250 or LV-600 Primer
- D. Cleaning Solvent: Sure-Seal Splice Cleaner or Weathered Membrane Cleaner
- E Internal seam sealant: Sure-Seal In-Seam SealantTM (used with adhesive splices only)
- F External seam sealant: Sure-Seal Lap Sealant
- G. Sealer: Sure-Seal Pourable Sealer

2.05 FASTENERS AND PLATES

To be used for additional membrane securement:

A. HP Fasteners: A threaded, black epoxy electro-deposition coated fastener used with steel and wood roof decks.

- B. CD-10 Fasteners: A non-threaded, hammer driven fastener used with structural concrete roof decks rated 3,000 psi or greater.
- C. HD 14-10 Fasteners: A #14 threaded fastener used for minimum 3,000 psi concrete decks
- D. HP Term Bar Nail-Ins: A 1-1/4" long expansion anchor with a zinc plated steel drive pin used for fastening the Sure-Seal Termination Bar or Seam Fastening Plates to concrete, brick, or block walls.
- E. Seam Fastening Plates: A 2 inch diameter FM approved metal plate used in conjunction with RUSS or with EPDM membrane for membrane securement.
- F. RUSS (Reinforced Universal Securement Strip): A 6 or 9 inch wide, 100 foot long strip of Sure-Seal reinforced EPDM membrane.

The 6 inch wide RUSS shall be utilized horizontally or vertically (in conjunction with Seam Fastening Plates) below the EPDM membrane for additional membrane securement.

The 9 inch wide RUSS shall be utilized in conjunction with metal edgings to allow the continuation of the EPDM deck membrane as flashing in accordance with Carlisle details

2.06 METAL EDGING AND MEMBRANE TERMINATIONS

- A. Sure-Seal Termination Bar: a 1 inch wide and .098 inch thick extruded aluminum bar pre-punched 6 inches on center; incorporates a sealant ledge to support Lap Sealant and provide increased stability for membrane terminations.
- B. Fabricate and install new .032 Aluminum Mill Finish Fasica to match existing Fasica on Drill Hall Roof.
- C. Install new wood nailers per Carlisle specifications at parapet and all locations where necessary. Fabricate and

Install new 032 Mill Finish Aluminum Metal Flashings per SMACNA Specifications. Color of all new metal

installed to be Mill Finish Aluminum.

2.07 BALLAST

A. Rounded Water-Worn Gravel

- Nominal 1-1/2 inch rounded water-worn gravel which conforms to gradation #4 when sized in accordance with ASTM D 448 method of sizing. Coverage rate shall be no less than 1000 pounds per 100 square feet and gravel must be evenly distributed to maintain an average of 10 pounds per square foot.
- 2. NOTE: REUSE existing ballast. Remove any sharp or foreign objects before reusing ballast...

2.08 WALKWAYS

Protective surfacing for roof traffic shall be concrete pavers (minimum 18 pounds per square foot) installed with Sure-Seal HP Protective Mat or an additional layer of EPDM membrane

2.09 OTHER MATERIALS

- A. Existing ballast to be reused to secure new roof membrane
- B Install new Carlisle Retrofit Drains at all existing locations. New roof drains to be included in manufacturer's Standard Total System Warranty.
- C Gutter and Downspouts: Install new Concrete Splashblocks at all existing downspouts.

 Install an extra layer of EPDM membrane under new splashblocks.
- D. Install new Term Bar detail at Drill Hall walls per Carlisle detail.
- E Fabricate and install new pitch pans where necessary.
- F DRILL HALL ROOF NOT IN CONTRACT.

PART 3 EXECUTION

3.01 GENERAL

- A Comply with the manufacturer's published instructions for the installation of the membrane roofing system including proper substrate preparation, jobsite considerations and weather restrictions.
- B. Position sheets to accommodate contours of the roof deck and shingle splices to avoid bucking water.

3.02 INSULATION PLACEMENT

- A. Install insulation or membrane underlayment over the substrate with boards butted tightly together with no joints or gaps greater than 1/4 inch. Stagger joints both horizontally and vertically if multiple layers are provided
- B. Insulation shall be loose laid over the substrate in accordance with the manufacturer's specifications.

3.03 MEMBRANE PLACEMENT

- A. Unroll and position membrane without stretching. Allow the membrane to relax for approximately 1/2 hour prior to splicing.
- B Install adjoining membrane sheets in the same manner, overlapping edges approximately 4 inches.

3.05 MEMBRANE SPLICING (Tape Splice)

A. Overlap adjacent sheets and mark a line 1/2 inch out from the top sheet.

- B. Fold the top sheet back and clean the dry splice area (minimum 2-1/2 inches wide) of both membrane sheets with Sure-Seal Primer as required by the membrane manufacturer
- C. Apply Splice Tape to bottom sheet with the edge of the release paper along the marked line. Press tape onto the sheet using hand pressure. Overlap tape roll ends a minimum of 1 inch.
- D. Remove the release paper and press the top sheet onto the tape using hand pressure
- E. Roll the seam toward the splice edge with a 2 inch wide steel roller.
- F. Install a 6 inch wide section of Pressure-Sensitive Flashing or Elastoform Flashing over all field splice intersections and seal edges of flashing with Lap Sealant.
- F. The use of Lap Sealant with tape splices is optional except at tape overlaps and cut edges of reinforced membrane where Lap Sealant is required.
- G. TAPE SPLICES ONLY ARE ALLOWED FOR THIS PROJECT.

3.06 FLASHING

- A. Wall and curb flashing shall be cured EPDM membrane. Continue the deck membrane as wall flashing where practicable.
- B Follow manufacturer's typical flashing procedures for all wall, curb, and penetration flashing including metal edging/coping and roof drain applications.

3.07 BALLASTING

- A. Install ballast in accordance with the manufacturer's installation instructions.
- B. Install ballast evenly without bare spots to provide complete coverage over the membrane.
- C. When specified, overlap HP Protective Mat a minimum of 6 inches prior to ballast or paver installation.
- D Comply with published ANSI (American National Standards Institute) ANSI/SPRI RP-4 guidelines (dated November 19, 2002) concerning applicable coverage rates.

3.08 WALKWAYS

- A. Install concrete pavers with Sure-Seal HP Protection Mat or an additional layer of EPDM membrane at all traffic concentration points (such as roof hatches, access doors, rooftop ladders, etc.) and all locations as identified on the specifier's drawing.
- B. The protection layer must extend approximately 2 3 inches under the ballast on each side of the walkway.

3.09 DAILY SEAL

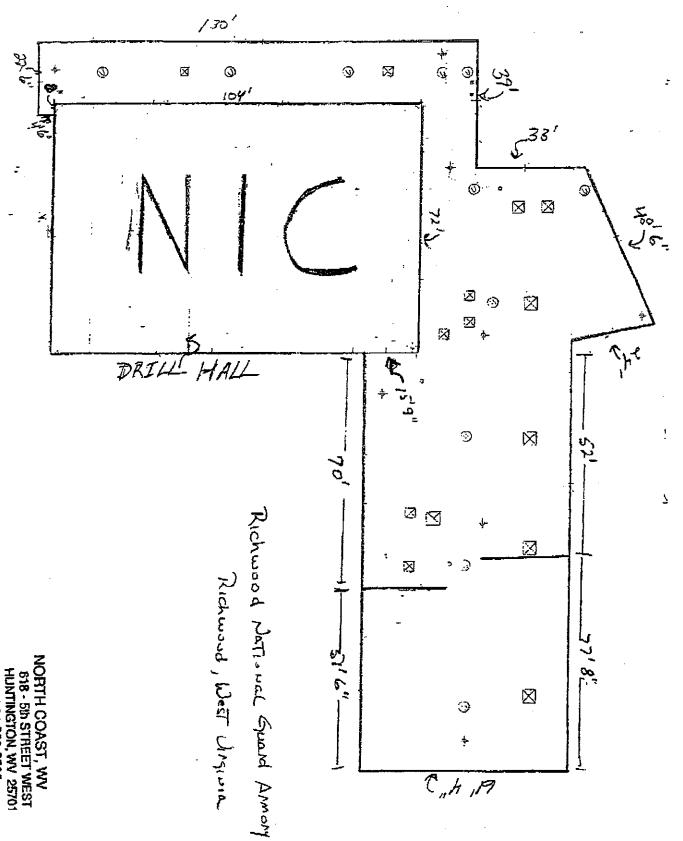
- A. On phased roofing, when the completion of flashings and terminations is not achieved by the end of the work day, a daily seal must be performed to temporarily close the membrane to prevent water infiltration
- B. Use Sure-Seal Pourable Sealer or other acceptable membrane seal in accordance with the manufacturer's requirements

3.10 CLEAN UP

- A Perform daily clean-up to collect all wrappings, empty containers, paper, and other debris from the project site. Upon completion, all debris must be disposed of in a legally acceptable manner.
- B Prior to the manufacturer's inspection for warranty, the applicator must perform a pre-inspection to review all work and to verify all flashing has been completed as well as the application of all caulking

END OF SPECIFICATION

Scale drawings, preliminary specifications and documentation provided are preliminary and for bid purposes only. The successful bidder is responsible for all building permits, field conditions and compliance with building codes. Preliminary specifications and budgeting parameters are based upon final field inspections and test cuts where applicable and are subject to revisions based upon final field conditions and construction issues. The successful bidder is responsible to conduct their own field tests and construction inspections to assure proper installation and compliance with building codes. No structural analysis has been provided in these preliminary specifications.



NORTH COAST, WV 618 - 5th STREET WEST HUNTINGTON, WV 25701 304-523-5500

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: 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 the debt owned is an amount greater than one thousand dollars in the aggregate

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.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "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 exceed five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this 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.

LICENSING: Vendors 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 agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit **www.state.wv.us/admin/purchase/privacy** for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: TRI-STATE ROOFING & SHE	ET METAL CO.	
Authorized Signature:	Date:	10/25/2007
Timothy F. Dorsch, Pr	resident 🥆	

Agency
REQ.P.O#_DEFR8082

BID BOND

KNOW ALL I	MEN BY TH	ESE PRESE	ENTS, That we	e, the undersigned,]	ri State Ro	ofing & She	eet Metal Company		
of Charles	ston	1	<u>wv</u>		_, as Princip	al, and _{Traye}	elers Casualty and Surety Company		
of America of Hartford				organized and existing under the laws of the State of					
CT with	n its principa	office in the	e City of <u>Hartf</u>	ford	_, as Surety	, are held ar	nd firmly bound unto the State		
of West Virginia, as O	bligee, in the	penal sum	of Five Perce	ent of Amount Bid	_ (\$	5%) for the payment of which		
well and truly to be ma	ade, we jointi	y and sever	ally bind ourse	elves, our heirs, adn	ninistrators, e	executors, su	uccessors and assigns.		
The Condition	n of the abov	e obligation	n is such that w	vhereas the Principa	al has submit	ted to the Pt	urchasing Section of the		
Department of Admini	stration a cei	tain bid or p	oroposal, attac	hed hereto and mad	de a part here	eof, to enter	into a contract in writing for		
Roof Replacement	Richwood A	rmory - RI	FQ #DEFR80	082 - According to	Plans & Sp	pecification	S		
NOW THERE	FORE,								
hereto and shall furnis agreement created by	d shall be ac h any other t the acceptar expressly und	cepted and incember of said incember of	nsurance requi oid, then this ol d agreed that t	ired by the bid or pro bligation shall be nu	oposal, and s ill and void, o	shall in all oth otherwise this	the bid or proposal attached her respects perform the s obligation shall remain in full s hereunder shall, in no event,		
The Surety, for way impaired or affects waive notice of any sur	ed by any ex	tension of th	reby stipulates ne time within v	s and agrees that the which the Obligee m	e obligations nay accept su	of said Sure uch bid, and	ety and its bond shall be in no said Surety does hereby		
IN WITNESS	WHEREOF,	Principal ar	nd Surety have	hereunto set their l	hands and se	eals, and su	ch of them as are corporations		
have caused their corp	orate seals t	o be affixed	hereunto and	these presents to b	e signed by t	their proper	officers, this		
18th day of	October		2007	r		, ,			
Principal Corporate Se	al				Tri State R		heet Metal Company		
					Ву	(Must) Vice	be President or President)		
					<u>Kenneth</u>		lsay, Vice President (Title)		
Surety Corporate Seal			0	-T Oand 18845	ву: Ж	(Name	Surety Company of America e of Surety)		
			Gregory	y T. Gordon, WV F	kesident Ag	erry Attor	néy-in-Fact		

IMPORTANT – Surety executing bonds must be licensed in West Virginia to transact surety insurance. Corporate seals must be affixed, and a power of attorney must be attached.



POWER OF ATTORNEY

Farmington Casualty Company Fidelity and Guaranty Insurance Company Fidelity and Guaranty Insurance Underwriters, Inc. Seaboard Surety Company St. Paul Fire and Marine Insurance Company St. Paul Guardian Insurance Company
St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No.

218834

Certificate No. 001987406

KNOW ALL MEN BY THESE PRESENTS: That Seaboard Surety Company is a corporation duly organized under the laws of the State of New York, that St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company and St. Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota, that Farmington Casualty Company, Travelers Casualty and Surety Company, and Travelers Casualty and Surety Company of America are corporations duly organized under the laws of the State of Connecticut, that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc. is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Gregory T. Gordon, Patricia A. Moye, Patricia A. Fincke, Larry D. Kerr, Allan L. McVey, and Kimberly J. Wilkinson

•							
of the City of Charleston	, State of	West Virginia		, their true	e and lawful Attor	ney(s)-in-Fact,	
each in their separate capacity if more than one is named							
other writings obligatory in the nature thereof on behalf					guaranteeing the p	erformance of	
contracts and executing or guaranteeing bonds and undert	akings required or permi	tted in any actions or	r proceedings	allowed by law.			
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					27th	1	
IN WITNESS WHEREOF, the Companies have caused	this instrument to be sign	ned and their corpora	ate seals to be	hereto affixed, thi	is		
day of,							
Farmington Casualty				ardian Insurance			
	y Insurance Company		St. Paul Mercury Insurance Company				
Fidenty and Guarant Seaboard Surety Con	y Insurance Underwriti	ers, 1nc.	Travelers Casualty and Surety Company Travelers Casualty and Surety Company of America				
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1977 P 1951 P 1951	TO THE CONTROL OF THE	SEALS	CORPURATE CO.	HARTFORD, CONN.	HARTFORD STATE	INCORPORATED AND AND AND AND AND AND AND AND AND AN	
State of Connecticut City of Hartford ss.		Ву:	George	W Thompson, Sen	ior Vice President		
27th , September	200	17			_		
On this the day of	,,	, before me person	nally appeared	George W. Thomp	oson, who acknow	ledged himself	
to be the Senior Vice President of Farmington Casualty		•		•	•		
Seaboard Surety Company, St. Paul Fire and Marine Ins				•	•	•	
Casualty and Surety Company, Travelers Casualty and St authorized so to do, executed the foregoing instrument for			•				
authorized so to do, executed the foregoing instrainent for	me purposes merem com	anieu by signing on b	benan of the co	orporations by tim	isch as a duty aun	lottzeu officet.	
	& G. TETRA			^ '	. 	- 04	
In Witness Whereof, I hereunto set my hand and official	seal STARLE	\	Y	1 anu	C. Jith	eauxt	
My Commission expires the 30th day of June, 2011.	* (AM) A	}		Marie C. Te	etreault, Notary Publ	ic	

58440-5-07 Printed in U.S.A.

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., Seaboard Surety Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filled in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, and Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kori M. Johanson, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., Seaboard Surety Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this _

_day of __

2007

Kori M. Johanson Assistant Secretary





















To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.