



REQUEST FOR QUOTE (RFQ) – BID# 7548386

D.O.T. GLOCESTER FACILITY REHABILITATION (PUBLIC COPY REQUIRED)

SUBMISSION DEADLINE: Thursday, January 30, 2014 at 11:00 AM (ET)

PRE-BID CONFERENCE: NO YES Thursday, January 16, 2014 at 10:00 AM (ET)

Mandatory: NO YES: Any vendor who intends to submit a bid proposal in response to this solicitation must have its designated representative attend the mandatory pre-bid conference. The representative must register at the pre-bid conference and disclose the identity of the vendor whom he/she represents. Because attendance at the pre-bid conference is mandatory, a vendor's failure to attend and register at the pre-bid conference shall result in disqualification of the vendor's bid proposal as non-responsive to the solicitation.

Location: DOT GLOCESTER FACILITY 648 PUTNAM PIKE GLOCESTER, RI

Buyer Name: LISA HILL Title: CHIEF BUYER

QUESTIONS concerning this solicitation must be received by the Division of Purchases at (lisa.hill@purchasing.ri.gov) no later than (Thursday, January 23, 2014, 4:00 PM (ET)). Questions should be submitted in a Microsoft Word attachment. Please reference the bid number (Bid #7548386) on all correspondence. Questions received, if any, will be posted on the Rhode Island Division of Purchases website as an addendum to this solicitation. It is the responsibility of all interested parties to download this information.

SURETY REQUIRED: YES

BOND REQUIRED: YES

DISK BASED BID: NO YES: See attached Disk Based Bidding Information

NOTE TO VENDORS: Vendors must register on-line at the Rhode Island Division of Purchases website at www.purchasing.ri.gov. Offers received without the completed four-page Rhode Island Vendor Information Program (RIVIP) Generated Bidder Certification Cover Form attached may result in disqualification.

Disk Based Bidding Information

THIS IS NOT A BIDDER CERTIFICATION FORM



File Format

All disk based bid files are ZIP files that you can open using the WinZip 8.1 software. The ZIP file will contain one or more files based on the type of Bid/RPF.

Downloading the Disk Based Bid

Bids that have a file for download are marked with a "D" in the Info field of the bid search results. The "D" will be an active link to the WinZip file until the bid reaches its opening date. Clicking on the active "D" link will allow you to open or save the ZIP file associated with the bid. Opening the WinZip file will download a copy to your computer's temporary directory.

Opening the Disk Based Bid

Once downloaded, you can open the ZIP file with WinZip and view the Microsoft Office files contained within the WinZip file. Immediately save (extract) the individual files to an appropriate directory on your computer, such as "Desktop" or "My Documents".

FOR THE DEPARTMENT OF TRANSPORTATION AND OTHER SPECIFIC PROJECTS:

Completing the Disk Based Bid

Once the Microsoft Office files are properly saved, open the individual files and enter the required information in the appropriate fields. Save each file again to capture the new information you entered.

Submitting the Disk Based Bid

Save the completed files to a CD or diskette. Label the CD or diskette with the Bid/RFP number and bidder's name (company name, not contract name). Submit as instructed in the Bid or RFP solicitation document.



Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
ONE CAPITOL HILL
PROVIDENCE RI 02908

CREATION DATE : 02-JAN-14
BID NUMBER: 7548386
TITLE: D.O.T. GLOCESTER FACILITY REHABILITATION
(PUBLIC COPY REQUIRED)

BID CLOSING DATE AND TIME:30-JAN-2014 11:00:00

BUYER: Hill, Lisa
PHONE #: 401-574-8118

B
I
L
L
L
S
M
I
T
H
O
DOT ACCOUNTS PAYABLE
TWO CAPITOL HILL, RM 243
SMITH ST
PROVIDENCE, RI 02903
US

S
H
I
P
P
T
O
DOT MAINTENANCE BUSINESS OFFICE
360 LINCOLN AVE
WARWICK, RI 02888
US

Requisition Number: 1349710

Line	Description	Quantity	Unit	Unit Price	Total
1	TOTAL COST, INCLUDING ALL LABOR AND MATERIALS, TO COMPLETE THE REHABILITATION AT THE DOT GLOCESTER FACILITY IN ACCORDANCE WITH THE ATTACHED PLANS AND SPECIFICATIONS Line Note to Bidders: A PRE-BID CONFERENCE WILL BE HELD ON SITE AS FOLLOWS: DATE: 1/16/14 TIME: 10:00 A.M. LOCATION: D.O.T. GLOCESTER MAINTENANCE FACILITY 648 PUTNAM PIKE GLOCESTER, RI	1.00	Each		

Delivery: _____

Terms of Payment: _____

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer



State of Rhode Island Department of Administration
Division of Purchases

REVISED
November 20, 2013

NOTICE TO VENDORS

Each bid proposal for a *public works project* must include a "public copy" to be available for public inspection upon the opening of bids. **Bid proposals that do not include a copy for public inspection will be deemed nonresponsive.**

The public copy must be submitted in .pdf (portable document file) format on a *read-only* CD-R media disc. The disc must include *all of the documents* submitted in response to the solicitation concatenated or merged into one file. The file must be named in the following manner:

BidNumber_DateofBid_VendorName_VendorID.pdf

The Bidder Certification Cover Form contains all of the information for the file name. The date of bid must appear as mm-dd-yyyy. The vendor name must appear as one word, with no spaces or punctuation. Underscores must separate the fields.

Example: 7543210_11-08-2013_OceanStateCompanyInc_9867.pdf

The public copy disc must be separately enclosed in a protective cover clearly marked "Public Copy" and include the following information (all available from the Bidder Certification Cover Form): (1) title of solicitation; (2) name of bidder and RIVIP vendor ID number; (3) bid number; and (4) date of bid.

The public copy may redact any trade secrets or commercial or financial information which is of a privileged or confidential nature pursuant to the "Access to Public Records Act," R. I. Gen. Laws §§ 38-2-1 *et seq.*

For further information on how to comply with this statutory requirement, see R. I. Gen. Laws §§ 37-2-18(b) and (j). Also see Procurement Regulation 5.11 accessible at www.purchasing.ri.gov



**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF TRANSPORTATION**

**GLOCESTER FACILITY
REHABILITATION**

NORTHWEST DISTRICT MAINTENANCE FACILITY

TOWN OF GLOCESTER,
RHODE ISLAND

CONTRACT SPECIFIC DOCUMENTS

October 2013

SCOPE OF WORK

The Rhode Island Department of Transportation Division of Highway and Bridge Maintenance is seeking qualified contractors to apply a coating of Sika 550W to the masonry concrete block exterior of the building, renovate, clean, construct and complete all rehabilitation to three offices located at our Gloucester Facility, 648 Putnum Pike, in the town of Gloucester. Also included in this contract will be the removal and replacement of all windows in the Facility. The contractor shall furnish all labor, materials, equipment, tools, transportation and all incidental supplies required to complete the work. All work shall be in accordance with the plans, specifications and terms of the contract. There will be a mandatory Pre-bid meeting scheduled at the site on April XX, 2013 at 10:00am to review the project and answer any questions.

Listed below are Specific details and a Description of the work to be completed as part of the contract:

1. The contractor will be responsible for the work schedule and the coordination of work.
2. The Contractor shall be responsible for any RIDEM, CRMC, OSHA, Department of Health, and all State building permits and inspections which are required.
3. The contractor shall furnish all labor, materials, equipment, tools, transportation and all incidental supplies required to the proper completion of the rehabilitation of this project.
4. The contractor is responsible for sealing off work area from remainder of facility.
5. The contractor is responsible for removing all materials to be R&D of from the site.
6. The contractor is responsible for portable toilet facilities for workmen.
7. Keep work area clean and safe for all personnel

NOTE: THIS CONTRACT INCLUDES THE REMOVAL OF ALL ASBESTOS BEARING MATERIAL. AN ASBESTOS ABATEMENT PLAN IS INCLUDED IN THE CONTRACT DOCUMENTS. ALL COSTS ASSOCIATED WITH THE REMOVAL REQUIREMENTS WILL BE BORNE BY THE CONTRACTOR.

MAIN BUILDING

STORAGE ROOM

- Remove & dispose existing 12" x 12" ceiling tiles.
- Inspect for any mold or roof leaks. (Per Industry standards)
- Remediate all mold issues. (Per Industry standards)
- Furnish & Install R/19 Kraft faced insulation.
- Furnish & Install new acoustical ceiling. New ceiling shall be lowered approximately ten (10) inches below ceiling rafters. New ceiling layout will use a 2' x 4' grid pattern.
- The Contractor shall install two (2) new 2' x 4' light fixtures and will utilize the existing power supply from the existing fixtures. The Contractor shall lower the fire alarm fixture to the new acoustical ceiling height.
- Remove existing door in the storage room which exits into the men's room. The door is a 30" x 80" right hand in swing. The jamb thickness is 3 3/4". Install a new three (3) piece steel knock down jamb, solid steel door, stainless steel hinges, keyed lockset, and door closure.
- Remove the existing door to the storage room that is entered from the superintendent's office. The door is a 32" x 78" left hand in swing. The jamb thickness is 4 9/16". Install a new 3 piece knock down steel door jamb, solid steel door, stainless steel hinges, passage lockset, and door closure.
- Sand and prep storage room walls. Apply one (1) coat of latex primer and two (2) coats of semi gloss latex interior paint.

SUPERINTENDENT OFFICE

- Remove & Dispose existing 12" x 12" ceiling tiles.
- Inspect for any mold or roof leaks. Remediate all mold issues and repair leaks.
- Install R/19 Kraft faced insulation.
- Install new ceiling rafters as required. New ceiling layout will use a 2' x 4' grid pattern.
- The contractor shall install two (2) new 2' x 4' light fixtures and will utilize the existing power supply from the existing fixtures. Contractor will be responsible for lowering the fire alarm fixture to the new acoustical ceiling height.
- Remove existing window which measures approximately 33 ½" h x 41" wide. Remove existing concrete window sill. The top of this R.O. will need to be blocked in to accommodate lowering and installing the new acoustical ceiling, approximately ten (10) inches. Contractor to cut in a new steel lintel at the location of the previously removed concrete sill. The height of the rough opening will be determined by starting 36" off of interior floor. Install a new white, new construction style, double hung window. Window will have Low- E double insulated glass, double sash locks, full screen, and no grids. To install the widow, contractor will anchor two (2) pressure treated 2" x 4" around the perimeter of the rough opening and located in the center of the block. After installing window the exterior will be trimmed out with ¾" PVC flat stock. After installing the window the interior shall be trimmed out with sheet roc, plaster and ¾' PVC trim.
- Remove existing door that separates the superintendent office area from the foreman's office. The door is a 36" x 80" left hand in swing. The jamb thickness is 3 ¾". Install a new three (3) piece steel knock down jamb, solid steel door, stainless steel hinges, keyed lockset, and door closure. The keyed lockset will be keyed to match the door that goes from the storage room to the men's restroom.
- All walls in the superintendent's office are not to be touched and will remain as is.

PERSONEL OFFICE

- Remove & Dispose the existing 12" x 12" ceiling tiles.
- Inspect for any mold or roof leaks. Remediate all mold issues and repair all leaks.
- Install R/19 Kraft faced insulation.
- Install new acoustical ceiling. New ceiling will be lowered approximately ten (10) inches below ceiling rafters. New ceiling layout will use a 2' x 4' grid pattern.
- The contractor shall install two (2) new 2' x 4' light fixtures and will utilize the existing power supply from the existing fixtures. Contractor will be responsible for lowering the fire alarm fixture to the new acoustical ceiling height.
- On the right side wall of the Personnel office, which is the same wall that the gas pumps are located, remove & dispose the existing windows. The rough opening width is approximately 7' 4" wide. At the location of these windows, this area is framed with wood. Contractor will remove entire wood wall, as far up as the ceiling rafters, and completely down to grade, and left to right up to existing concrete block. Contractor will install a new wooden header across the entire width of this opening. Contractor is responsible for determining the appropriate size header for the opening to meet code. The height of the header will be determined by the new acoustical ceiling being installed approximately 10" below existing ceiling. Contractor will install new concrete block knee wall, to span the entire width of existing concrete R.O. The new wall will need to be drilled and pinned to existing footing. The height of the wall will match the height of the window sill in the superintendent's office. The new rough opening will accommodate two (2) double hung windows. Frame the remainder of the concrete opening as follows: 2" x 4" framing, ½" typical sheathing, white, new construction style, double hung windows. Windows to have Low- E double insulated glass, double sash locks, full screens, and no grids. The exterior window trim shall be ¾" PVC trim. The remaining exterior sheathing will be covered with a white vinyl siding. The interior shall be trimmed out with sheet roc, plaster and ¾' PVC trim.

- Located on the front wall of the Personnel office, is a large bank of windows. This section of wall is a wood framed wall, which starts at the floor of the office and is framed up to just under the exterior soffits. Attached to this wall on the exterior, is a wood framed overhang. The approximate width of this wood framed wall is 140" inches wide. Remove & dispose existing front overhang. Remove & dispose all front windows. Remove the main front entrance door to the garage. Remove the remainder of the front wall entirely. Contractor will install new concrete block knee wall, to span the entire width of existing concrete R.O. The new wall will need to be drilled and pinned to existing footing. The height of the wall will match the height of the window sill in the superintendent's office. Frame the remainder of the concrete opening as follows: 2" x 4" framing, 1/2" typical sheathing, allow for three (3) double hung windows that would each measure approximately 41" wide x 50" tall, white, new construction style, double hung windows. Windows to have Low-E double insulated glass, double sash locks, full screens, and no grids. Frame for a new front entrance door at the same location of the original. The opening will be framed to accommodate a 36" x 80" right hand out swing door. The door frame will be a 3 piece steel; 4 9/16" knock down jamb. The door will be a steel door with the upper half to be tempered glass. It will have stainless steel hinges, door closer, and a keyed lockset with panic hardware. Build a new front sidewalk overhang to match the original. The rake and fascia boards will be 3/4" PVC; white 2 1/2" drip edge to be installed on all 3 sides, roof shingles will be an architectural type with the color to match the rear salt dome structure. The windows and door trim, both exterior and interior, will also be 3/4" PVC trim. The remaining exterior sheathing will be covered with a white vinyl siding.
- At the entrance to the Personnel office, is a 36" x 84" left hand in swing door. Remove the door and jamb. New door frame will be a 3 piece steel; 3 3/4" knock down jamb. The door will be a steel door with the upper half to be tempered glass. It will have stainless steel hinges, door closer, and a keyed lockset, which will be keyed to match the main entrance door lock.
- The 2 sliding windows in the Personnel office will remain as is.
- Sand and prep Personnel office walls. Apply one (1) coat of latex primer and two (2) Coats of semi gloss latex interior paint.
- Wrap rake boards with white aluminum coil stock.

LEFT SIDE OF BUILDING

- On the left side of the building are three (3) windows that measure approximately 49" wide x 65 1/2" tall. All single pane windows and metal frames are to be removed. To install the new windows, the contractor shall anchor two (2) pressure treated 2" x 4" around the perimeter of the rough opening located in the center of the concrete block. After installing the new windows, the interior and exterior shall be trimmed out with 3/4" PVC flat stock.
- On the left side are two (2) steel entrance doors. Both doors measure 36" wide x 80" tall. One is a left hand out swing and the other is a right hand out swing. Remove existing entrance steel doors as well as the metal frames. The contractor shall furnish and install 16 gauge steel door frames. The jambs are to be ordered punch and dimpled, and anchored accordingly. The door slabs will be 18 gauge steel, with stainless steel hinges, panic hardware, keyed locksets, and door closures. All materials and sizes will match existing doors. All door hardware to be heavy duty commercial grade stainless steel. Contractor to have new locksets keyed to match the original. Furnish and install a drip cap over each door. NOTE: all existing door hardware to be saved and returned to the RIDOT Gloucester Maintenance Superintendent Christine Giammarco.

REAR OF BUILDING

- The rear of the building has ten (10) windows that measure approximately 49" wide x 65 ½" tall. All single pane windows and metal frames are to be removed & disposed of. To install the new windows, the contractor shall anchor two (2) pressure treated 2" x 4" around the perimeter of the rough opening located in the center of the concrete block. After installing the new windows, the interior and exterior will be trimmed out with ¾" PVC flat stock.

RIGHT SIDE OF BUILDING

- The electrical room's outer wall has two (2) windows. The men's room has one (1) window. These windows measure approximately 41" wide x 34" tall. All single pane windows and metal frames are to be removed & disposed of. To install the new windows, the contractor shall anchor two (2) pressure treated 2" x 4" around the perimeter of the rough opening located in the center of the concrete block. After installing the new windows, the interior and exterior will be trimmed out with ¾" PVC flat stock. These three (3) windows will be awning style windows and shall **NOT** be double hung like all the rest of the windows for the project.

OTHER

- All existing VCT tiles in the back storage room, Superintendent's office and the Personal office, are to be Removed & Disposed. Clean the entire VCT tile adhesive from the concrete and prepare surface as per industry standards. Apply Sikagard 62, a two (2) part epoxy resin coating, as per the specification listed below or an approved equivalent by RIDOT. **Floor color will be grey as selected by RIDOT.**
- All new door jambs and doors shall have one (1) coat of latex primer and two (2) Coats of semi gloss latex exterior paint.
- New windows to be as follows: white vinyl new construction style, low-E glass with argon filled, no grills, double sash locks, and full screens. Windows will also have an exterior aluminum drip cap fastened to the concrete block, above each window.
- Contractor is responsible for field verifying all required dimensions/ measurements.
- Contractor is responsible for all final jobsite clean up.

The Contractor shall coordinate with the Superintendent of the Gloucester Facility in order to avoid any conflicts with operations on site.

WORK HOURS: Work hours shall be between 7:00 AM to 3:30 PM No work weekends or holidays unless approved by the Superintendent, Christine Giammarco. Her cell phone number is (401)-641-8422.

Sikagard 62 Specification

Part 1 - General

1.01 Summary

- A. This specification describes the coating of substrates with a vapor-barrier, solvent-free, protective, dampproofing, waterproofing, moisture-insensitive, epoxy resin coating.

1.02 Quality Assurance

- A. Manufacturing qualifications: The manufacturer of the specified product shall be ISO 9001 certified and have in existence a recognized ongoing quality assurance program independently audited on a regular basis.
- B. Contractor qualifications: Contractor shall be qualified in the field of concrete repair and protection with a successful track record of 5 years or more. Contractor shall maintain qualified personnel who have received product training by a manufacturer's representative.
- C. Install materials in accordance with all safety and weather conditions required by manufacturer or as modified by applicable rules and regulations of local, state and federal authorities having jurisdiction. Consult Material Safety Data Sheets for complete handling recommendations.

1.03 Delivery, Storage, and Handling

- A. All materials must be delivered in original, unopened containers with the manufacturer's name, labels, product identification, and batch numbers. Damaged material must be removed from the site immediately.
- B. Store all materials off the ground and protect from rain, freezing or excessive heat until ready for use.
- C. Condition the specified product as recommended by the manufacturer.

1.04 Job Conditions

- A. Environmental Conditions: Do not apply material if it is raining or snowing or if such conditions appear to be imminent. Minimum application temperature 40°F (5°C) and rising.
- B. Protection: Precautions should be taken to avoid damage to any surface near the work zone due to mixing and handling of the specified material.

1.05 Submittals

- A. Submit two copies of manufacturer's literature, to include: Product Data Sheets and appropriate Material Safety Data Sheets (MSDS).

1.06 Warranty

- A. Provide a written warranty from the manufacturer against defects of materials for a period of one (1) year, beginning with date of substantial completion of the project.

Part 2 - Products

2.01 Manufacturer

- A. **Sikagard 62**, as manufactured by Sika Corporation, 1682 Marion Williamsport Road, Marion, Ohio, 43302 is considered to conform to the requirements of this specification.

2.02 Materials

- A. Epoxy resin coating:
1. Component A shall be a epoxy resin of diglycidylether of bisphenol A containing suitable viscosity control agents. It shall not contain butyl glycidyl ether.
 2. Component B shall be primarily a reaction product of a selected amine blend with an epoxy resin of the epichlorohydrin bisphenol A type containing suitable viscosity control agents, pigments, and accelerators.
 3. The ratio of Component A: Component B shall be 1:1 by volume
- B. Granules for slip-resistance shall be supplied by the manufacturer of the specified product and shall be able to be mixed into the coating and shall not settle during application.

2.03 Performance Criteria

- A. Typical Properties of the mixed epoxy resin coating:

1. Pot Life: 35- 40 minutes (60 gram mass)
2. Tack FreeTime: Approximately 4 hours
3. Color: red, grey, tan
4. Solids: 100% VOC g/l : 134 (A+B)
5. Immersion & Chemical Exposure: min. Cure 3 Days

Typical Properties of the cured epoxy resin coating:

Water Absorption (ASTM D-570) at 7days: 0.1% max. (2 hour boil), 24 hour immersion

Elongation (ASTM D-522) at 14 days: 5% min.

Abrasion Resistance (ASTM D-968) at 14 days: 51 liters/mil

Adhesion classification (ASTM 3359) at 14 days: 4A.

Abrasion (Taber Abrader) at 7 days: Weight loss: 0.65 gm. max. (H-22 wheel; 1000 gm weight; 1000 cycles)

Tensile Properties (ASTM D-638) at 14 days: Tensile Strength 5,400 psi (37.3 Mpa) / Elongation at Break 2.7%

Bond Strength (ASTM C-882) Hardened Concrete to Hardened Concrete

2 Day (dry cure): 2,000 psi (13.79 MPa)

14 Day (moist cure): 1,500 psi. (10.34 MPa)

8. The coating shall have United States Department of Agriculture approval.

Note: Tests above were performed with the material and curing conditions @ 71°F – 75°F and 45-55% relative humidity.

Part 3 – Execution

3.01 Surface Preparation

- A. Substrate must be clean, sound, and free of surface contaminants. Remove dust, laitance, grease, oils, curing compounds, form release agents and all foreign particles by mechanical means. Substrate shall be in accordance with ICRI Guideline No. 03732 for coatings.

3.02 Mixing and Application

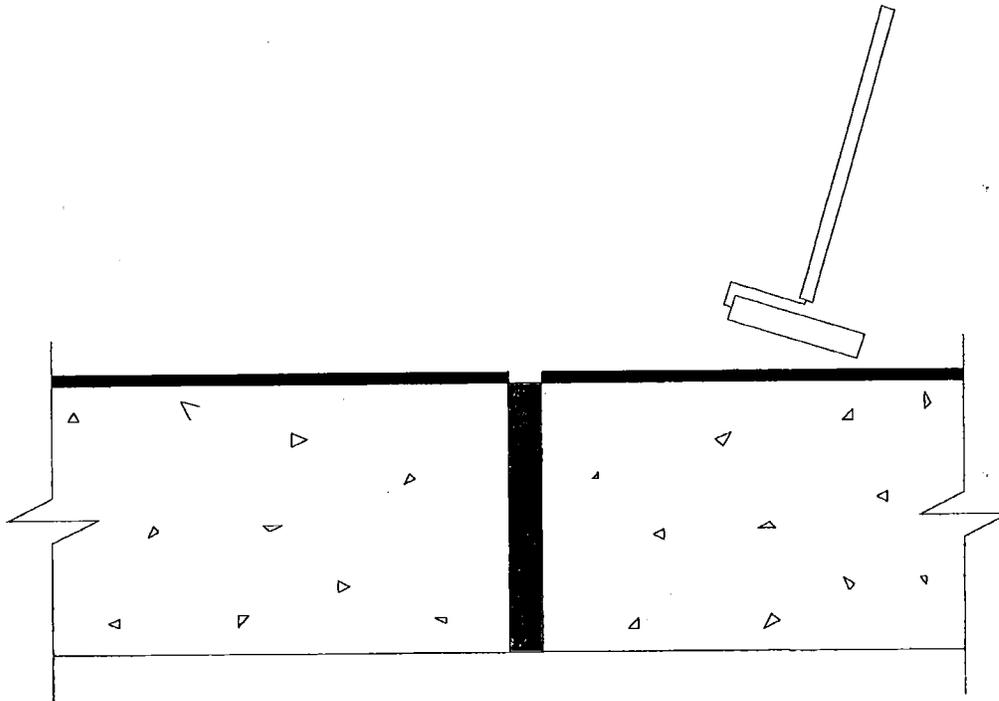
- A. **Mixing:** Premix each component. Proportion equal parts by volume of Component A and Component B into a clean, dry mixing pail. Mix thoroughly for 3 minutes min. with a jiffy paddle on a low-speed (400-600 rpm) drill. Mix only that quantity of material that can be used within its pot life (35 minutes at 73F). To minimize color difference, blend two complete Components B's together. Use only one of the blended Component B's to mix with a Component A. After the first Component B has been used, blend the second Component B with a new Component B and repeat the above procedure for the entire application.
- B. **Placement Procedure:** The epoxy resin coating shall be applied only to approved, prepared surfaces with high-quality brushes, rollers, or spray equipment. Coating shall be applied at ambient and substrate temperatures between 50 and 90F. Application thickness shall be between 4-7 mils per coat. Subsequent coats shall be applied within 48 hours of the previous coat. Care is to be taken on vertical and overhead surfaces to avoid sags or runs. If this occurs, it must be sanded out and the area re-coated. If coating of horizontal surfaces that will receive traffic is specified, a slip-resistant aggregate, Sikagard 62 Granules, shall be incorporated into the mixed epoxy resin coating at 1/2 lb./gallon or as directed by the engineer.
- C. When applying the coating, if possible never stop the application until the entire surface has been coated. If possible always discontinue at an edge, corner, or joint. Never let a previously coated film dry. Always coat into wet film. Always apply the coating at a 45° angle to an edge, corner, or joint.
- D. Adhere to all limitations and cautions for the epoxy resin as stated in the manufacturers printed literature.

3.03 Cleaning

- A. The uncured epoxy resin coating can be cleaned from tools with an approved solvent. The cured epoxy resin coating can only be removed mechanically.
- B. Leave finished work and work area in a neat, clean condition without evidence of spillovers onto adjacent areas.

SC-054

Sikagard 62 Coating



1. Apply Sikagard 62 with high quality brushes or rollers. Care should be taken to avoid sags or runs.
2. When applying the coating, never stop the application until the entire surface has been coated.
3. Subsequent coats shall be applied within 48 hours of the previous coat.
4. For a slip-resistant surface, aggregate shall be incorporated into the mixed epoxy resin coating at a $\frac{1}{2}$ lb./gal.

Note: When applying Sikagard 62 always end at an edge, corner or joint. Do not apply 62 directly over joint filler.

Apply Sikagard 550W Elastocolor, Sikagard Elastic base coat and Sikagard 552w Primer or SikaLatexR as per manufacturing specifications to the exterior of the Gloucester Facility.

Part 1 - General

1.01 Summary

- A. This specification describes the coating of substrates with an elastomeric, crack bridging, anti-carbonation, protective coating.

1.02 Quality Assurance

- A. Manufacturing qualifications: The manufacturer of the specified product shall be ISO 9001:2008 certified and have in existence a recognized ongoing quality assurance independently audited on a regular basis.
- B. Contractor qualifications: Contractor shall be qualified in the field of concrete repair and protection with a successful track record of 5 years or more. Contractor shall maintain qualified personnel who have received product training by a manufacturer's representative.
- C. Install materials in accordance with all safety and weather conditions required by manufacturer or as modified by applicable rules and regulations of local, state and federal authorities having jurisdiction. Consult Material Safety Data Sheets for complete handling recommendations.

1.03 Delivery, Storage, and Handling

- A. All materials must be delivered in original, unopened containers with the manufacturer's name, labels, product identification, and batch numbers. Damaged material must be removed from the site immediately.
- B. Store all materials off the ground and protect from rain, freezing or excessive heat until ready for use.
- C. Condition the specified product as recommended by the manufacturer.

1.04 Job Conditions

- A. Environmental Conditions: Do not apply material if it is raining or snowing or if such conditions appear to be imminent. Minimum application temperature 45°F (7°C) and rising.
- B. Protection: Precautions should be taken to avoid damage to any surface near the work zone due to mixing and handling of the specified material.

1.05 Submittals

- A. Submit two copies of manufacturer's literature, to include: Product Data Sheets, and appropriate Material Safety Data Sheets (MSDS).

1.06 Warranty

- A. Provide a written warranty from the manufacturer against defects of materials for a period of one (1) year, beginning with date of substantial completion of the project.

Part 2 - Products

2.01 Manufacturer

- A. **Sikagard 550W Elastocolor**, as manufactured by Sika Corporation, 1682 Marion Williamsport Road, Marion, Ohio, 43302 is considered to conform to the requirements of this specification.
- B. **Sikagard Elastic Base Coat (Smooth & Textured)**, as manufactured by Sika Corporation, 1682 Marion Williamsport Road, Marion, Ohio, 43302 is considered to conform to the requirements of this specification.
- C. **Sikagard 552W Primer or SikaLatex R**, as manufactured by Sika Corporation, 1682 Marion Williamsport Road, Marion, Ohio, 43302 is considered to conform to the requirements of this specification.

2.02 Materials

- A. **Elastomeric Acrylic Coating:**

1. Product shall be 100% Acrylic Emulsion with the following properties:

- a. **Water vapor permeable**
- b. **Can bridge dynamically moving cracks**
- c. **Crack bridging properties maintained at low temperatures**
- d. **The material shall be resistant to dirt pick-up and mildew**

- B. **Elastomeric Acrylic Smooth & Textured Base Coating:**

1. Product shall be 100% Acrylic Emulsion with the following properties:

- a. **Water vapor permeable**
- b. **Can bridge dynamically moving cracks**
- c. **Crack bridging properties maintained at low temperatures**

- C. **Adhesion Promoter / Surface Conditioner**

1. Product shall be a water-based, acrylic primer with the following properties:

- a. **Solids content 12.5% -20% by volume**
- b. **Recoat time 4 – 24 hours**

2.03 Performance Criteria

- A. **Properties of the elastomeric Sikagard 550W Elastocolor acrylic coating:**

- 1. **Pot Life: indefinite**
- 2. **Tack Free Time 6 Hours @ 73°F, 50% Relative Humidity. Final Cure < 24 Hours**
- 3. **Carbon Dioxide Diffusion: μCO_2 214,000 Carbon Dioxide Diffusion Resistance at 16 mils (400 microns)**
 $\text{SdCO}_2 = 299$ ft. (equivalent air thickness) i.e. Approx. 9-in. of standard concrete cover.
- 4. **Water Vapor Diffusion: $\mu\text{H}_2\text{O}$ 2,146 Water Vapor Diffusion Resistance at 16 mils $\text{SdH}_2\text{O} = 2.6$ ft. (0.8m)**
(equivalent air thickness)
- 5. **Moisture Vapor permeability (ASTM E96) 14.5 perms**
- 6. **Tensile Properties (ASTM D-412 Modified)**
7 day-Tensile strength 190 psi (1.3 MPa) - Elongation at break 820% - 340% @ 0°F (-18°C)
- 7. **Crack Bridging(at 16 mils = 400 microns DFT**

- a. Static (at $-4^{\circ}\text{F}/-20^{\circ}\text{C}$) 30 mils (0.75mm)
- b. Dynamic >1000 cycles (at $-4^{\circ}\text{F}/-20^{\circ}\text{C}$) 12 mils (0.30mm)
- 8. Resistance to wind driven rain (TT-C-555B): No passage of water through coating
 - 9. Weathering (ASTM G-23) 10,000 hours excellent, no chalking or cracking.
 - 10. Solids Content: by weight – 62% by volume – 55%
 - 11. Flame Spread and Smoke Development (ASTM E-84-94)
Flame Spread 5 Smoke Development 5 Class Rating A

Note: Tests above were performed with the material and curing conditions @ $71^{\circ}\text{F} - 75^{\circ}\text{F}$ and 45-55% relative humidity.

Part 3 – Execution

3.02 Surface Preparation

- A. Substrate must be clean, sound, and free of surface contaminants. Remove dust, laitance, grease, oils, curing compounds, form release agents and all foreign particles by mechanical means. Substrate shall be in accordance with ICRI Guideline No. 03732 for coatings and fall within CSP1 to CSP3.

3.02 Mixing and Application

- A. Mixing: Stir materials to ensure uniformity using a low speed (400-600 rpm) drill and paddle. To minimize color variation, blend two batches of material. (boxing)
- B. Crack detail: Recommended application temperatures $40^{\circ} - 100^{\circ}\text{F}$ ($4^{\circ} - 38^{\circ}$)
Small defects and cracks (non-structural): Cracks 10 – 20 mils. Apply Surface Filler “Brush Grade” generously over the center of the cracks. Feather material to zero over a two-inch wide area. Allow a minimum 24 hours to cure before overcoating.
Large defects and cracks (non-structural): Cracks >20mils. Rout to 1/4-in wide by 1/4-in. deep. Blow out cut with oil-free compressed air. Fill slot with Surface Filler “Knife Grade” allowing for a small crest to remain. This will compensate for any shrinkage that might occur. NOTE: *Sikaflex-1a,-2c, or -15LM, polyurethane sealant may be used in place of Knife Grade Surface Filler.* Allow 24 hours-minimum cure before over coating.
- C. Coating Application: Apply by brush, roller, or spray over entire area moving in one direction. A minimum of two coats are required. Each coat should be applied at a rate not to exceed 100 sq. ft. per gallon. Total dry film thickness shall be a minimum 8 - 10 dry mils per coat. Allow a minimum of 2 hours prior to re-coating.
- D. When applying the coating, never stop the application until the entire surface has been coated. Always stop application at an edge, corner, or joint. Never let a previously coated film dry; always coat into a wet film. Always apply the coating at a 45° angle to an edge, corner, or joint.
- E. If substrate has been previously coated and presents a “chalky” condition, apply 1 coat of Sikagard 552W or SikaLatex R, primer/surface conditioner by brush, roller, or spray at a rate not to exceed 300 sq. ft. per gallon.
- F. Adhere to all limitations and cautions for the elastomeric acrylic coating in the manufacturers printed literature.

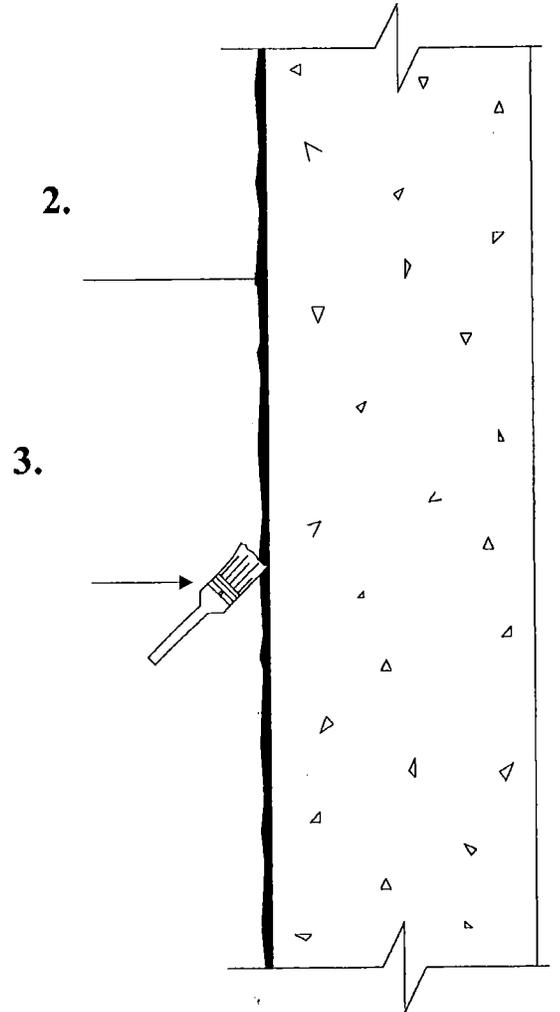
3.03 Cleaning

- A. The uncured elastomeric acrylic coating can be cleaned from tools with water. The cured elastomeric acrylic coating can only be removed mechanically.
- B. Leave finished work and work area in a neat, clean condition without evidence of spillovers onto adjacent areas.

SC058

Sikagard® 550W Elastocolor, Anti-Carbonation Crack-bridging Coating

1. Substrate must be dry, clean and sound.
2. Apply base coating as needed
3. Apply Sikagard 550W Elastocolor by brush, roller or spray over entire area moving in one direction.

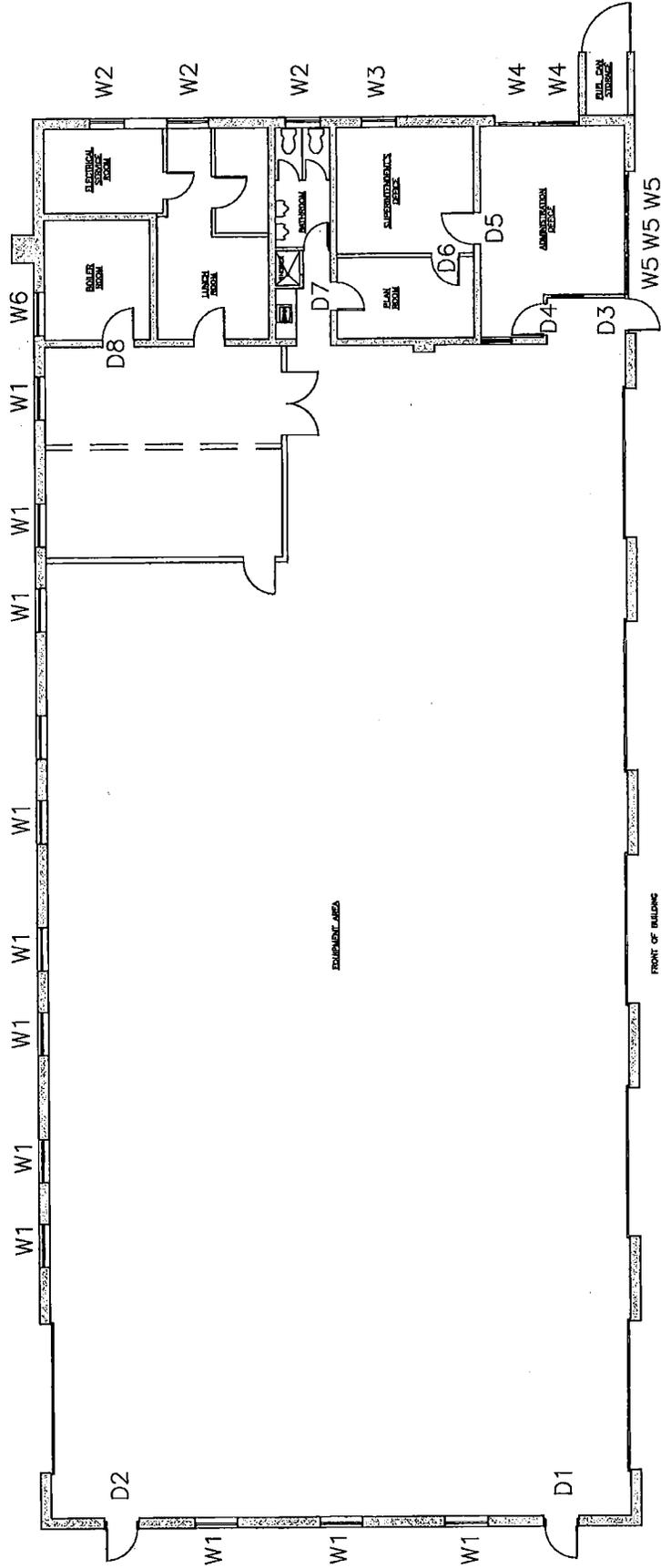


DOOR SCHEDULE								
TYPE	SIZE	GLASS	JAMB THICKNESS	HARDWARE			CLOSER AND PANIC BAR	OVERHEAD RAIN DRIP CAP
				HINGES	SCHLAGE	SILL		
D1	36" X 80" LH OUT SWING	NO	4 9/16"	S/S	KEYED	ALUMINUM	YES	PEMKO P346C
D2	36" X 80" RH OUT SWING	NO	4 9/16"	S/S	KEYED	ALUMINUM	YES	PEMKOP346C
D3	36" X 80" RH OUT SWING	TEMPERED	4 9/16"	S/S	KEYED	ALUMINUM	YES	PEMKO P346C
D4	36" X 80" LH IN SWING	TEMPERED	3 3/4"	S/S	KEYED	NR	NO	PEMKOP346C
D5	36" X 80" LH IN SWING	NO	3 3/4"	S/S	KEYED	NR	NO	PEMKO P346C
D6	32" X 75" LH IN SWING	NO	4 9/16"	S/S	KEYED	NR	NO	PEMKO P346C
D7	30" X 50" RH IN SWING	NO	3 3/4"	S/S	LOCKING	NR	NO	PEMKO P346C
D8	36" X 80" RH IN SWING	NO	3 3/4"	S/S	PASSAGE	NR	NO	PEMKOP346C

NOTES: Door type D3 and D4 are to be ordered with window in each of them. The window will be tempered glass. The size of the window will match the size of the window in the existing door at the entrance of the foreman's office. All locksets will be keyed alike. All windows and doors will utilize an aluminum drip cap, which will be fastened to the outer concrete wall above each opening.

WINDOW SCHEDULE							
TYPE	SIZE	NAILING FIN	JAMB THICKNESS	HARDWARE		GLASS	OVERHEAD RAIN DRIP CAP
				SCREEN	SASH LOCK		
W1	49" X 65 1/2" D.HUNG	APPLIED	4 9/16"	YES	DOUBLE	DBLE INSULATED	PEMKO P346C
W2	41" X 34" D.HUNG	APPLIED	4 9/16"	YES	DOUBLE	DBLE INSULATED	PEMKOP346C
W3	*SEE NOTES	APPLIED	4 9/16"	YES	DOUBLE	DBLE INSULATED	PEMKO P346C
W4	*SEE NOTES	APPLIED	4 9/16"	YES	DOUBLE	DBLE INSULATED	PEMKO P346C
W5	49" X 65" D.HUNG	APPLIED	4 9/16"	YES	DOUBLE	DBLE INSULATED	PEMKOP346C
W6	*SEE NOTES	APPLIED	4 9/16"	YES	DOUBLE	DBLE INSULATED	PEMKOP346C

NOTES: Type windows W3 and W4 sizes will be determined in the field prior to the new wall being framed. Contractor and RIDOT Building Superintendent Tim Carroll will collaborate the sizes. W6 is the window in the boiler room. The window presently has a fan, which is fastened to plywood, for the purpose of circulating air into the boiler room and needs to remain. The contractor shall replace the existing plywood that the vent is fastened to, with the appropriate size of 3/4" pvc board. The remaining portion of the concrete opening will determine the window size. This window will also be verified between the contractor and Tim Carroll. All windows and doors will utilize an aluminum drip cap, which will be fastened to the outer concrete wall above each opening.



DOOR AND WINDOW PLAN
NOT TO SCALE

HOLIDAY WORK SCHEDULE

The Contractor shall adhere to the following restrictions regarding day and night work during holiday periods:

- **Memorial Day, Victory Day, Labor Day, & Columbus Day** - No Saturday, Sunday, or Monday day or night work.

- **Thanksgiving Day** - 1.) No Wednesday night or Thursday day or night work.
2.) No work that impacts traffic shall be performed by the contractor on Wednesday through Sunday of Thanksgiving week in any calendar year. Impacting traffic is defined as construction operations that reduce the number of travel lanes.

- **Independence Day, Veterans Day, Christmas Day** - No day or night work and no work the previous night.

- **Easter** - No Saturday night or Sunday day or night work.

COMPLETION DATE

The Project shall be completed and accepted three (3) months after the award date.

MAINTENANCE ACCESS TO SITE

The Contractor shall at their expense keep their work area free from debris and open to vehicular and personnel traffic at all times unless otherwise authorized by the Superintendent in writing. The Contractor shall conduct their work in such a manner as to not interfere with the RIDOT operations at the site or vehicular traffic.

STORAGE OF CONSTRUCTION MATERIALS AND/OR EQUIPMENT

The Contractor shall be permitted to utilize a portion of the Northwest Maintenance District Facility property for overnight storage of construction materials/equipment (as noted on Location Plan). The Contractor shall be solely responsible for securely storing all materials/equipment and shall hold the State of Rhode Island harmless for any loss and/or damages incurred.

INCLEMENT WORK STOPPAGE

In the case of inclement weather, work may be stopped by the Superintendent, for a period of time, to allow full and unobstructed access to the entire facility site.

METHOD OF MEASURE: This contract will be measured as a Lump Sum item complete and accepted by The Rhode Island Department of Transportation Division of Highway and Bridge Maintenance.

BASIS OF PAYMENT: This contract will be paid for at the contract Lump Sum price. The price so-stated shall constitute full and total compensation for all labor, materials, equipment, tools, transportation and incidental supplies required to complete the work in accordance with the plans, specifications and terms of the contract.

RHODE ISLAND DEPARTMENT OF HEALTH

NOTARIZED CERTIFICATION OF ASBESTOS ABATEMENT PLAN

Facility: RIDOT Gloucester Facility

Address: 648 Putnam Pike

City/Town: Gloucester, RI

Zip: 02814

Amendment Phase No: _____

Abatement Plan Written By: Joseph M. Lepore

Certification No: AAC-661-PD

Summary of specific waivers/variances being requested: See Attachment #4

Type of Asbestos Abatement (X) Removal () Enclosure () Encapsulation
() Demolition () Glovebag () Asphalt Roofing
() Other (specify) _____

Is this plan being submitted in response to a Notice of Violation and/or a Notice of Requirement to Submit an Asbestos Abatement Plan? () Yes (X) No

If yes, Indicate Notice/Building Evaluation No(s): _____

Contractor: To be determined

License No: NA

Estimated Starting Date: 05/18/13

Pre-Abatement Sampling Information

Bulk Samples Collected By: Joseph M. Lepore

Certification No: AAC-661IS

Bulk Samples Analyzed By: RIAL

Certification No: AAL-008C3

Air Samples Analyzed By: RIAL

Certification No: AAL-008C3

Clearance Air Sampling Information

Air Samples to be Collected By: RIAL

Air Samples to be Analyzed By: RIAL

Certification No: AAL-008C3

CERTIFICATION

I certify that: this asbestos abatement plan is prepared and submitted under the provisions of Section 23-24.5-6 of the RI Asbestos Control Act and Parts A and C of the RI Rules and Regulations for Asbestos Control; all abatement/management activities performed in conjunction with this plan must be in compliance with the specifications prescribed in this plan (when approved) and the most current revision of all applicable federal and state regulations; and the asbestos abatement/management activities described in this plan must be performed by a RI licensed asbestos abatement contractor.

Certified by: [Signature]
(Signature of Building Owner or Agent)

Title: MANAGING ENGINEER

Date: NOV. 18, 2013

(Typed/Printed Name of Certifier)

Subscribed and sworn before me this 18th day of NOVEMBER, 2013

[Signature] My Commission Expires: 10-31-17
(Notary Public) #7854

AFFIX NOTARY SEAL HERE

RICHARD T. KALUNIAN

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Health

Office of Occupational & Radiological Health

APPLICATION FOR APPROVAL OF AN ASBESTOS ABATEMENT PLAN

1. Building Owner's Name:
RI Dept. of Transportation

2. Application Prepared By:

Joseph M. Lepore

RI certification No: AAC-661-PD

Telephone No: 401-737-8500 ext 106
(Area code, No., Ext.)

3. Building Owner's Mailing Address and
Telephone Number:

Street: Two Capitol Hill
City/Town: Providence
Zip: 02903

Telephone No.: 401-222-2481
(Area Code, No., Ext.)

4. Person to be contacted regarding this
application:

Name: Steven Cadorette

Telephone No: 401-726-4084
(Area Code, No., Ext.)

5. Location where abatement work will be performed:

Name (if applicable): RI DOT Gloucester Facility

Street: 648 Putnam Pike

City/Town: Gloucester, RI

Zip: 02814

6. Is this application being submitted in response to a "Notice of Requirement to Submit an
Asbestos Abatement plan"? () Yes (x) No

If Yes, what is the due date for submittal of Abatement plan? _____
(Mo.) (Day) (Yr.)

Evaluation Number on the Notice: _____

7. Contractor who will be performing abatement work (if selected):

Name: To be determined

R.I. License No.:

14. Pre-Abatement Air Sample Collection and Analysis:

A). Person collecting pre-abatement air samples:

Name: **Joseph M. Lepore** Affiliation: **RIAL**

B). Laboratory performing analysis of pre-abatement air samples.

Name: **RI Analytical** RI Certification No.: **AAI-008C3**

C). Methodology used in the collection and analysis of pre-abatement samples:

- NIOSH Method 7400 [Most Current Revision]
- OSHA 29 CFR 1926.1101 – Appendix A & B
- Other (Specify) _____

15. A. Indicate how the regulated asbestos containing material (RACM) will be removed from the abatement site. If a hauler or broker will be used to transport the RACM to a disposal site, they must also be identified.

To be determined _____

B. Provide the name and location of the authorized asbestos waste facility to which the removed material will be transferred for disposal (if known).

To be determined _____

16. Person designated as compliance monitor for abatement work. [NOT REQUIRED]

Name: _____

Affiliation: _____

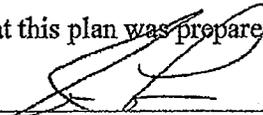
17. In-Process & Clearance Air Sampling: See Attachment #1

- A. Describe on an attachment the type, number and location of air samples that will be collected outside the work area during the abatement project.
- B. Describe on an attachment the plan of action to be followed if the Indoor Non-Occupational Air Exposure Standard for Asbestos (0.01 fibers per cubic centimeter) is exceeded outside the work area during the abatement project.
- C. Describe on an attachment the type, number and location of air samples that will be collected as part of the final clearance testing.
- D. Describe on an attachment the plan of action to be followed if the Indoor Non-Occupational Air Exposure Standard for Asbestos (0.01 fiber per cubic centimeter) is exceed during final clearance testing.

18. A separate and fully completed Form ASB-16A must be submitted for each area to be abated. List below the entry in Item 1 from each attached ASB-16A.

Area 1 – Main Office, Back Office and Storage Room

19. I certify that this plan was prepared by me and I am responsible for its content.

Signature:  Date 4/25/13

(Month) (Day) (Year)

Affiliation: RI Analytical Laboratories, Inc

20. ASBESTOS ABATEMENT PLAN APPLICATION FEE:

- Operation & Maintenance Only \$ 75
- Up to One (1) NESHAP Unit \$ 75
- Between One (1) & Ten (10) NESHAP Units \$ 300
- Between Ten (10) & Fifty (50) NESHAP Units \$ 600
- Over Fifty (50) NESHAP Units \$ 900
- RI State Agency Waived Application Fee

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Health

Office of Occupational & Radiological Health

APPLICATION FOR APPROVAL OF AN ASBESTOS ABATEMENT PLAN

SUPPLEMENTAL INFORMATION: AREA DESCRIPTION AND PROPOSED REMEDY

BUILDING LOCATION: RI DOT Gloucester Facility

INSTRUCTIONS: All items on this form must be addressed. All references to attachments must be clearly identified. All attachments must be marked with the specific item numbers on this form to which they pertain.

(1) Area Location/Identification (Room Name/No., Evaluation Number, etc.):

Area 1 – Main office, back office and storage room

(2) Attach a description of each type (e.g. pipe, ceiling, etc.) of regulated asbestos containing material (RACM) in this area, including condition, location, quantity and asbestos content. Attach a copy of the laboratory report(s) for all samples. (NOTE: All laboratory reports must include the name of the building(s) and the location(s) of the sample(s).

Refer to Attachment #2

(3) Attach a current scale drawing of this area, showing direction of North and East, which has been clearly annotated to show the type, location and quantity of all RACM in this area. This drawing must include a legend which acts as a guide to the scale, symbols and nomenclature used in the drawing. If a master plan or multiple drawings are provided, indicate the specific location(s) and drawing number(s) which depict this area. The location of the decontamination chamber must also be so indicated on the appropriate drawing(s).

Refer to Attached Building Drawing

(4) PROPOSED REMEDIES:

A). Attach a description of the interim Operations and Maintenance Plan that will be implemented in accordance with C.1.2 (b).

Refer to Attachment #3

(4) PROPOSED REMEDIES (cont.):

B). Will any portion of this area be abated by use of B.8 work procedures?

Yes No

If Yes, indicate below which RACM in this area will be abated by use of the following B.8 work procedures:

B.8.2 & B.8.3	[REMOVAL]	2 layers of VAT and mastic
B.8.2 & B.8.4	[ENCAPSULATION]	_____
B.8.2 & B.8.5	[ENCLOSURE]	_____
B.8.6	[DEMOLITION]	_____
B.8.7	[GLOVEBAG]	_____
B.8.8	[ASPHALT ROOFING]	_____

C). Are you requesting any waivers to the above selected B.8 procedure for any of the abatement activities in this area?

Yes No Waiver of floor poly being requested.

If yes, attach a detailed description of the waivers requested you are proposing to utilize. All items must be keyed to the specific section(s) of the regulations for which waivers are requested.

D). Are you proposing alternative procedures under B.11 for any of the abatement activities in this area?

Yes No

If yes, attach a detailed description of the alternate procedures requested you are proposing to utilize. Alternate procedures must include a justification for not following specific section(s) of the regulations and be as protective of public health.

E). Will any RACM remain in this area after abatement?

Yes No Beyond scope of inspection

If Yes, attach a description of the RACM that will remain and the details of the on-going Operations and Maintenance Plan that will be implemented in accordance with C.1.2(b).

AGENCY USE ONLY

ATTACHMENT #1

ASB-16-17A-D

In Process and Clearance Air Sampling

- A. RI Analytical will be on site for part time monitoring and will collect two compliance air samples outside the containment area daily for the duration of asbestos removal operations inside the building. The sample will be collected outside each of the entrances to the space.
- B. Any deviation in proper procedures on the part of the contractor shall be reported to the building owner. This includes inadequate paperwork on site, disagreement and/or any deviation from previously outlined work procedures, or if compliance samples in the work area vicinity exceed 0.01 f/cc. The contractor's work shall then be stopped, without repercussion to the building owner or the project-monitoring firm until any conflicts and/or problems have been resolved.
- C. **Area 1:** After an area has passed the consultant's visual inspection he or his authorized representative on site shall collect at a minimum of two (2) clearance PCM air samples.
- D. If clearance monitoring after clean up results in fiber concentrations in excess of the RI rules and regulation clearance air requirements, the project area shall be wet-cleaned, misted with water, and encapsulated with a liquid encapsulant. A period of no less than 24 hours shall elapse before the next set of clearance air samples can be collected. The sampling process shall be repeated until a satisfactory clearance air level is attained.

The asbestos contractor is held responsible for any costs associated with the re-cleaning should visual clearances fail.

ATTACHMENT #2

ASB-16A-2

Table 1.0: Asbestos Containing Materials Sample Chart

Sample ID	Description	Location	Asbestos %	Quantity
1A-B, 2A-B	12x12 Green floor tile and mastic	Storage Room and under floor tile in back office	5-15% Chrysotile	260sf
07, 08	Bottom layer of floor tile and mastic	Main office area	5-15% Chrysotile	300sf

ATTACHMENT #2 (Cont.)

Laboratory Analysis Reports:

- 1. Bulk Sampling Results**
- 2. Pre-Abatement Air Sample Results**



CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
Attn: Mr. Joseph Lepore
41 Illinois Avenue
Warwick, RI 02888

Date Received: 4/11/2013
Date Reported: 4/19/2013
Work Order #: 1304-07489

Site Location: PROJECT #130251 GRA INC. RIDOT FACILITY MAIN BUILDING

Enclosed please find your sample(s) analysis results for asbestos content. The six asbestos types include amosite, chrysotile, crocidolite, anthophyllite, tremolite, and actinolite.

METHODOLOGY: Polarized Light Microscopy (PLM) as suggested by EPA/600/R-93/116, July 1993 edition.

If the samples are found to be inhomogeneous, individual components will be analyzed separately. If individual components cannot be separated, the samples will be homogenized and a single result will be provided for the entire sample.

Sample results pertain only to items tested. The report must not be reproduced except in full with permission of R.I. Analytical. Samples submitted for analysis will be retained for three months for your future reference.

Our laboratory maintains NVLAP accreditation for bulk asbestos fiber analysis NVLAP lab code 101440-0.

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government.

If you have any questions regarding this report, or if we may be of further assistance, please contact us.

Approved by:

Data Reporting

R.I. Analytical Laboratories, Inc.
CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Date Received: 4/11/2013

Work Order #: 1304-07489

Site Location: PROJECT #130251 GRA INC. RIDOT FACILITY MAIN BUILDING

METHOD: EPA/600/R-93-116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS	DATE ANALYZED	ANALYST
001	1A 12 X 12 GREEN FT	PLM Fiber Analysis			
		Asbestos	POSITIVE	4/19/2013	EVH
		Chrysotile	5-15 %	4/19/2013	EVH
		Non-fibrous	85-95 %	4/19/2013	EVH
		Sample Color	Green	4/19/2013	EVH
002	1B 12 X 12 GREEN FT	PLM Fiber Analysis			
		Asbestos	POSITIVE	4/19/2013	EVH
		Chrysotile	5-15 %	4/19/2013	EVH
		Non-fibrous	85-95 %	4/19/2013	EVH
		Sample Color	Green	4/19/2013	EVH
003	2A BLACK MASTIC	PLM Fiber Analysis			
		Asbestos	POSITIVE	4/19/2013	EVH
		Chrysotile	5-15 %	4/19/2013	EVH
		Non-fibrous	85-95 %	4/19/2013	EVH
		Sample Color	Black	4/19/2013	EVH
004	2B BLACK MASTIC	PLM Fiber Analysis			
		Asbestos	POSITIVE	4/19/2013	EVH
		Chrysotile	5-15 %	4/19/2013	EVH
		Non-fibrous	85-95 %	4/19/2013	EVH
		Sample Color	Black	4/19/2013	EVH
005	3A TOP LAYER 12 X 12 BROWN	PLM Fiber Analysis			
		Asbestos	NEGATIVE	4/19/2013	EVH
		Non-fibrous	100 %	4/19/2013	EVH
		Sample Color	Brown	4/19/2013	EVH

R.I. Analytical Laboratories, Inc.
CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)
 Date Received: 4/11/2013
 Work Order #: 1304-07489
 Site Location: PROJECT #130251 GRA INC. RIDOT FACILITY MAIN BUILDING

METHOD: EPA/600/R-93-116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS	DATE ANALYZED	ANALYST
006	3B TOP LAYER 12 X 12 BROWN	PLM Fiber Analysis			
		Asbestos	NEGATIVE	4/19/2013	EVH
		Non-fibrous	100 %	4/19/2013	EVH
		Sample Color	Brown	4/19/2013	EVH
007	4A GLUE	PLM Fiber Analysis			
		Asbestos	NEGATIVE	4/19/2013	EVH
		Non-fibrous	100 %	4/19/2013	EVH
		Sample Color	Yellow	4/19/2013	EVH
008	4B GLUE	PLM Fiber Analysis			
		Asbestos	NEGATIVE	4/19/2013	EVH
		Non-fibrous	100 %	4/19/2013	EVH
		Sample Color	Yellow	4/19/2013	EVH
009	05 COVEBASE	PLM Fiber Analysis			
		Asbestos	NEGATIVE	4/19/2013	EVH
		Non-fibrous	100 %	4/19/2013	EVH
		Sample Color	Gray	4/19/2013	EVH
010	06A EXT. GLAZING ON WINDOWS	PLM Fiber Analysis			
		Asbestos	NEGATIVE	4/19/2013	EVH
		Non-fibrous	100 %	4/19/2013	EVH
		Sample Color	Gray	4/19/2013	EVH
011	06B EXT. GLAZING ON WINDOWS	PLM Fiber Analysis			
		Asbestos	NEGATIVE	4/19/2013	EVH
		Non-fibrous	100 %	4/19/2013	EVH
		Sample Color	Gray	4/19/2013	EVH

R.I. Analytical Laboratories, Inc.
CERTIFICATE OF ANALYSIS

R.I. Analytical (EAM Division)

Date Received: 4/11/2013

Work Order #: 1304-07489

Site Location: PROJECT #130251 GRA INC. RIDOT FACILITY MAIN BUILDING

METHOD: EPA/600/R-93-116

SAMPLE NO.	SAMPLE DESCRIPTION	PARAMETER	SAMPLE RESULTS / UNITS	DATE ANALYZED	ANALYST
012	06C EXT. GLAZING ON WINDOWS	PLM Fiber Analysis			
		Asbestos	NEGATIVE	4/19/2013	EVH
		Non-fibrous	100 %	4/19/2013	EVH
		Sample Color	Gray	4/19/2013	EVH
013	07 BOTTOM LAYER FT	PLM Fiber Analysis			
		Asbestos	POSITIVE	4/19/2013	EVH
		Chrysotile	5-15 %	4/19/2013	EVH
		Non-fibrous	85-95 %	4/19/2013	EVH
014	08 MASTIC	PLM Fiber Analysis			
		Asbestos	POSITIVE	4/19/2013	EVH
		Chrysotile	5-15 %	4/19/2013	EVH
		Non-fibrous	85-95 %	4/19/2013	EVH
		Sample Color	Black	4/19/2013	EVH

Project #130251
 GRA Inc.
 RIDOT Facility
 Main Building/Front Office
 Gloucester, RI

ATTACHMENT #3

Interim Operations & Maintenance Plan

The contractors, maintenance personnel and staff associated with the RI DOT facility are aware of the presence and location of ACBM within the above stated areas. A more comprehensive asbestos building inspection performed by LSG is currently on record with the RIDOA. They have been instructed not to disturb the material due to the potential health hazards if fibers become airborne. Access has been restricted to this space until remediation has occurred.

1. Notification

All building occupants and contractors entering the building and/or premises to perform work, shall be notified of the presence and location of asbestos-containing material(s) and cautioned regarding disturbance of the material(s). Also, the building occupants must be notified regarding the occurrence of asbestos abatement activities. If an emergency fiber release occurs, the following procedures shall be initiated.

2. Fiber Release Episodes

A. Minor Release Episode

If a minor fiber release episode occurs (release of less than 10 linear feet or 25 square feet of material), trained maintenance staff may perform the cleaning. Access to the area shall be restricted during clean-up. All debris shall be thoroughly wetted using amended water and placed in labeled, double six-mil polyethylene bags. The area shall then be cleaned using HEPA filtered vacuums and/or wet cleaning methods. Damaged material must be cleaned and repaired with non-asbestos-containing material. The area shall then be evaluated to decide if further action is necessary.

B. Major Release Episode

If a major fiber release episode occurs (falling or dislodging of more than 10 linear feet or 25 square feet of ACBM), the cleaning must be carried out and directed by persons accredited to conduct and design response actions. After such an episode, the area shall be immediately restricted and entry to the area prevented. Warning signs shall be posted to caution people other than those qualified to deal with the problem. Air handling units in the area shall be shut down to prevent the spread of fibers beyond the problem area. A response action shall be designed and carried out by qualified personnel.

3. Training

Any employee who, because of their work, may disturb asbestos-containing material shall be trained and certified as a Competent Person as described by the R.I. Rules and Regulations for Asbestos Control. The program coordinator shall ensure that the procedures described above to protect the building occupants shall be followed for any operations and maintenance activities disturbing or involving ACBM.

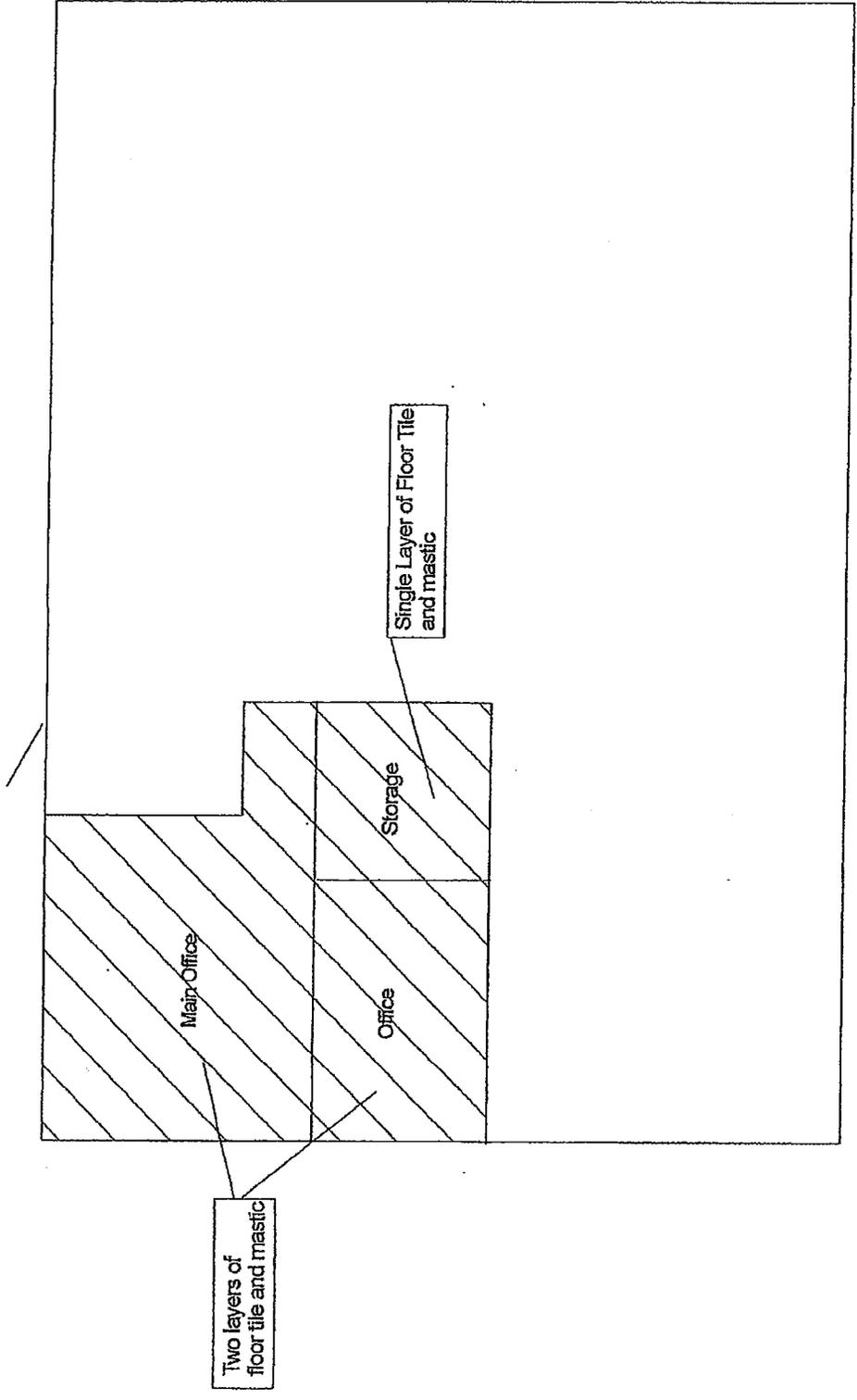
ATTACHMENT #4

Scope of Work / Description of Waivers

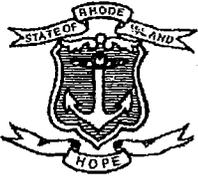
All proper OSHA, federal, state, and local safety regulations shall be followed.

A waiver of floor poly is being requested for this area, since flooring will be abated from the site.

All applicable RI DOH B8.2 & B8.3 work procedures will be followed



RI DOT Facility
648 Putnam Pike
Glocester, RI



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Labor and Training

Center General Complex

1511 Pontiac Avenue
Cranston, RI 02920-4407

TTY: Via RI Relay 711

Lincoln D. Chafee
Governor
Charles J. Fogarty
Director

STATE CONTRACT ADDENDUM

RHODE ISLAND DEPARTMENT OF LABOR AND TRAINING

**PREVAILING WAGE REQUIREMENTS
(37-13-1 ET SEQ.)**

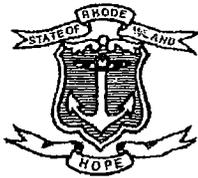
The prevailing wage requirements are generally set forth in RIGL 37-13-1 et seq. These requirements refer to the prevailing rate of pay for regular, holiday, and overtime wages to be paid to each craftsmen, mechanic, teamster, laborer, or other type of worker performing work on public works projects when state or municipal funds exceed one thousand dollars (\$1,000).

All Prevailing Wage Contractors and Subcontractors are required to:

1. Submit to the Awarding Authority a list of the contractor's subcontractors for any part or all of the prevailing wage work in accordance with RIGL § 37-13-4;
2. Pay all prevailing wage employees at least once per week and in accordance with RIGL §37-13-7 (see Appendix B attached);
3. Post the prevailing wage rate scale and the Department of Labor and Training's prevailing wage poster in a prominent and easily accessible place on the work site in accordance with RIGL §37-13-11; posters may be downloaded at www.dlt.ri.gov/pw/Posters.htm or obtained from the Department of Labor and Training, Center General Complex, 1511 Pontiac Avenue, Cranston, Rhode Island;
4. Access the Department of Labor and Training website, at www.dlt.ri.gov on or before July 1st of each year, until such time as the contract is completed, to ascertain the current prevailing wage rates and the amount of payment or contributions for each covered prevailing wage employee and make any necessary adjustments to the covered employee's prevailing wage rates effective July 1st of each year in compliance with RIGL §37-13-8;
5. Attach a copy of this CONTRACT ADDENDUM and its attachments as a binding obligation to any and all contracts between the contractor and any

An Equal Opportunity Employer/Program./Auxiliary aids and services are available upon request to individuals with disabilities.

TTY via RI Relay 711



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Labor and Training

Center General Complex
1511 Pontiac Avenue
Cranston, RI 02920-4407

Telephone; (401) 462-8000
TTY; Via RI Relay 711

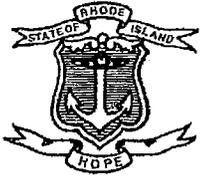
Lincoln D. Chafee
Governor
Charles J. Fogarty
Director

subcontractors and their assignees for prevailing wage work performed pursuant to this contract;

6. Provide for the payment of overtime for prevailing wage employees who work in excess of eight (8) hours in any one day or forty (40) hours in any one week as provided by RIGL §37-13-10;
7. Maintain accurate prevailing wage employee payroll records on a Rhode Island Certified Weekly Payroll form available for download at www.dlt.ri.gov/pw.forms/htm, as required by RIGL §37-13-13, and make those records available to the Department of Labor and Training upon request;
8. Furnish the fully executed RI Certified Weekly Payroll Form to the awarding authority on a monthly basis for all work completed in the preceding month.
9. For general or primary contracts one million dollars (\$1,000,000) or more, shall maintain on the work site a fully executed RI Certified Prevailing Wage Daily Log listing the contractor's employees employed each day on the public works site; the RI Certified Prevailing Wage Daily Log shall be available for inspection on the public works site at all times; this rule shall not apply to road, highway, or bridge public works projects. Where applicable, furnish both the Rhode Island Certified Prevailing Wage Daily Log together with the Rhode Island Weekly Certified Payroll to the awarding authority.
10. Assure that all covered prevailing wage employees on construction projects with a total project cost of one hundred thousand dollars (\$100,000) or more has a OSHA ten (10) hour construction safety certification in compliance with RIGL § 37-23-1;
11. Employ apprentices for the performance of the awarded contract when the contract is valued at one million dollars (\$1,000,000) or more, and comply with the apprentice to journey person ratio for each trade approved by the apprenticeship council of the Department of Labor and Training in compliance with RIGL §37-13-3.1;
12. Assure that all prevailing wage employees who perform work which requires a Rhode Island trade license possess the appropriate Rhode Island trade license in compliance with Rhode Island law; and

An Equal Opportunity Employer/Program. / Auxiliary aids and services are available upon request to individuals with disabilities.

TTY via Rf Relay 711



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Labor and Training

Center General Complex
1511 Pontiac Avenue
Cranston, RI 02920-4407

Telephone: (401) 462-8000
TTY: Via RI Relay 711

Lincoln D. Chafee
Governor
Charles J. Fogarty
Director

13. Comply with all applicable provisions of RIGL §37-13-1, et. seq;

Any questions or concerns regarding this CONTRACT ADDENDUM should be addressed to the contractor or subcontractor's attorney. Additional Prevailing Wage information may be obtained from the Department of Labor and Training at www.dlt.ri.gov/pw.

CERTIFICATION

I hereby certify that I have reviewed this CONTRACT ADDENDUM and understand my obligations as stated above.

By: _____

Title: _____

Subscribed and sworn before me this ___ day of _____, 20__.

Notary Public
My commission expires: _____

An Equal Opportunity Employer/Program, /Auxiliary aids and services are available upon request to individuals with disabilities.

TTY via RI Relay 711



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Labor and Training
Center General Complex
1511 Pontiac Avenue
Cranston, RI 02920-4407

Telephone: (401) 462-8000

APPENDIX A

TITLE 37
Public Property and Works

CHAPTER 37-13
Labor and Payment of Debts by Contractors

SECTION 37-13-5

§37-13-5 Payment for trucking or materials furnished – Withholding of sums due. -A contractor or subcontractor on public works authorized by a proper authority shall pay any obligation or charge for trucking and material which have been furnished for the use of the contractor or subcontractor, in connection with the public works being performed by him or her, within ninety (90) days after the obligation or charge is incurred or the trucking service has been performed or the material has been delivered to the site of the work, whichever is later. When it is brought to the notice of the proper authority in a city or town, or the proper authority in the state having supervision of the contract, that the obligation or charge has not been paid by the contractor or subcontractor, the proper authority may deduct and hold for a period not exceeding sixty (60) days, from sums of money due to the contractor or subcontractor, the equivalent amount of such sums certified by a trucker or materialman creditor as due him or her, as provided in this section, and which the proper authority determines is reasonable for trucking performed or materials furnished for the public works.

APPENDIX B

TITLE 37

Public Property and Works

CHAPTER 37-13

Labor and Payment of Debts by Contractors

SECTION 37-13-7

§ 37-13-7 Specification in contract of amount and frequency of payment of wages.

-(a) Every call for bids for every contract in excess of one thousand dollars (\$1,000), to which the state of Rhode Island or any political subdivision thereof or any public agency or quasi-public agency is a party, for construction, alteration, and/or repair, including painting and decorating, of public buildings or public works of the state of Rhode Island or any political subdivision thereof, or any public agency or quasi-public agency and which requires or involves the employment of employees, shall contain a provision stating the minimum wages to be paid various types of employees which shall be based upon the wages that will be determined by the director of labor and training to be prevailing for the corresponding types of employees employed on projects of a character similar to the contract work in the city, town, village, or other appropriate political subdivision of the state of Rhode Island in which the work is to be performed. Every contract shall contain a stipulation that the contractor or his or her subcontractor shall pay all the employees employed directly upon the site of the work, unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account, the full amounts accrued at time of payment computed at wage rates not less than those stated in the call for bids, regardless of any contractual relationships which may be alleged to exist between the contractor or subcontractor and the employees, and that the scale of wages to be paid shall be posted by the contractor in a prominent and easily accessible place at the site of the work; and the further stipulation that there may be withheld from the contractor so much of the accrued payments as may be considered necessary to pay to the employees employed by the contractor, or any subcontractor on the work, the difference between the rates of wages required by the contract to be paid the employees on the work and the rates of wages received by the employees and not refunded to the contractor, subcontractors, or their agents.

(b) The terms "wages", "scale of wages", "wage rates", "minimum wages", and "prevailing wages" shall include:

- (1) The basic hourly rate of pay; and
- (2) The amount of:

(A) The rate of contribution made by a contractor or subcontractor to a trustee or to a third person pursuant to a fund, plan, or program; and

(B) The rate of costs to the contractor or subcontractor which may be reasonably anticipated in providing benefits to employees pursuant to an enforceable commitment to carry out a financially responsible plan or program which was communicated in writing to the employees affected, for medical or hospital care, pensions on retirement or death, compensation for injuries or illness resulting from occupational activity, or insurance to provide any of the foregoing, for unemployment benefits, life insurance, disability and sickness insurance, or accident insurance, for vacation and holiday pay, for defraying costs of apprenticeship or other similar programs, or for other bona fide fringe benefits, but only where the contractor or subcontractor is not required by other federal, state, or local law to provide any of the benefits; provided, that the obligation of a contractor or subcontractor to make payment in accordance with the prevailing wage determinations of the director of labor and training insofar as this chapter of this title and other acts incorporating this chapter of this title by reference are concerned may be discharged by the making of payments in cash, by the making of contributions of a type referred to in subsection (b)(2), or by the assumption of an enforceable commitment to bear the costs of a plan or program of a type referred to in this subdivision, or any combination thereof, where the aggregate of any payments, contributions, and costs is not less than the rate of pay described in subsection (b)(1) plus the amount referred to in subsection (b)(2).

(c) The term "employees", as used in this section, shall include employees of contractors or subcontractors performing jobs on various types of public works including mechanics, apprentices, teamsters, chauffeurs, and laborers engaged in the transportation of gravel or fill to the site of public works, the removal and/or delivery of gravel or fill or ready-mix concrete, sand, bituminous stone, or asphalt flowable fill from the site of public works, or the transportation or removal of gravel or fill from one location to another on the site of public works, and the employment of the employees shall be subject to the provisions of subsections (a) and (b).

(d) The terms "public agency" and "quasi-public agency" shall include, but not be limited to, the Rhode Island industrial recreational building authority, the Rhode Island economic development corporation, the Rhode Island airport corporation, the Rhode Island industrial facilities corporation, the Rhode Island refunding bond authority, the Rhode Island housing and mortgage finance corporation, the Rhode Island resource recovery corporation, the Rhode Island public transit authority, the Rhode Island student loan authority, the water resources board corporate, the Rhode Island health and education building corporation, the Rhode Island higher education assistance authority, the Rhode Island turnpike and bridge authority, the Narragansett Bay water quality management district commission, Rhode Island telecommunications authority, the convention center authority, the board of governors for higher education, the board of regents for elementary and secondary education, the capital center commission, the housing resources commission, the Quonset Point-Davisville management corporation, the Rhode Island children's crusade for higher education, the Rhode Island depositors economic protection corporation, the Rhode Island lottery commission, the Rhode Island

partnership for science and technology, the Rhode Island public building authority, and the Rhode Island underground storage tank board.

Contract Terms and Conditions

Table of Contents

Terms and Conditions.....VI
 BID STANDARD TERMS AND CONDITIONSVI
 TERMS AND CONDITIONS FOR THIS BIDVI
 SURETY REQUIREMENTSVI
 START DATEVI
 WAGE REQUIREMENTSVI
 INSURANCE REQUIREMENTSVI
 LICENSE REQUIREMENTSVII

Terms and Conditions

BID STANDARD TERMS AND CONDITIONS

TERMS AND CONDITIONS FOR THIS BID

SURETY REQUIREMENTS

BIDDER IS REQUIRED TO PROVIDE A BID SURETY IN THE FORM OF A BID BOND, OR A CERTIFIED CHECK PAYABLE TO THE STATE OF RHODE ISLAND, IN THE AMOUNT OF A SUM NOT LESS THAN FIVE PERCENT (5%) OF THE BID PRICE. BID SURETY MUST BE ATTACHED TO THE BID FORM. THE SUCCESSFUL BIDDER WILL ALSO BE REQUIRED TO FURNISH PERFORMANCE AND LABOR AND PAYMENT BONDS AT TIME OF TENTATIVE CONTRACT AWARD.

START DATE

STARTING DATE _____ NO. OF WORKING DAYS REQUIRED FOR COMPLETION

WAGE REQUIREMENTS

BIDDERS ARE ADVISED THAT ALL PROVISIONS OF TITLE 37 CHAPTER 13 OF THE GENERAL LAWS OF RHODE ISLAND APPLY TO THE WORK COVERED BY THIS REQUEST, AND THAT PAYMENT OF THE GENERAL PREVAILING RATE OF PER DIEM WAGES AND THE GENERAL PREVAILING RATE FOR REGULAR, OVERTIME, AND OTHER WORKING CONDITIONS EXISTING IN THE LOCALITY FOR EACH CRAFT, MECHANIC, TEAMSTER, OR TYPE OF WORKMAN NEEDED TO EXECUTE THIS WORK IS A REQUIREMENT FOR BOTH CONTRACTORS AND SUBCONTRACTORS. THE PREVAILING WAGE TABLE MAY BE OBTAINED AT THE RI DIVISION OF PURCHASES HOME PAGE BY INTERNET at www.purchasing.ri.gov. SELECT "BIDDING INFORMATION", THEN "GENERAL INFORMATION", AND THEN SELECT "PREVAILING WAGE TABLES". PRINTING THE ENTIRE DOCUMENT AVERAGES APPROXIMATELY ONE MINUTE PER PAGE - YOU MAY WANT TO PRINT ONLY THE PAGES APPLICABLE TO YOUR BID. BIDDERS NOTE: IN THE EVENT THIS BID SPECIFIES PRICE OFFERS ON A TIME-AND-MATERIALS BASIS, i.e., AN HOURLY RATE, ANY OR ALL BIDS SUBMITTED IN AN AMOUNT LESS THAN THE PREVAILING RATE IN EFFECT FOR THE WORK COVERED BY THIS REQUEST AS OF THE DATE OF BID ISSUANCE SHALL BE REJECTED BY THE DIVISION OF PURCHASES.

INSURANCE REQUIREMENTS

AN INSURANCE CERTIFICATE IN COMPLIANCE WITH PROVISIONS OF ITEM 31 (INSURANCE) OF THE GENERAL CONDITIONS OF PURCHASE IS REQUIRED FOR COMPREHENSIVE GENERAL LIABILITY, AUTOMOBILE LIABILITY, AND WORKERS' COMPENSATION AND MUST BE SUBMITTED BY THE SUCCESSFUL BIDDER(S) TO THE DIVISION OF PURCHASES PRIOR TO AWARD. THE INSURANCE CERTIFICATE MUST NAME THE STATE OF RHODE ISLAND AS CERTIFICATE HOLDER AND AS AN ADDITIONAL INSURED. FAILURE TO COMPLY WITH THESE PROVISIONS MAY RESULT IN REJECTION OF THE OFFEROR'S BID. ANNUAL RENEWAL CERTIFICATES MUST BE SUBMITTED TO THE AGENCY IDENTIFIED ON THE PURCHASE ORDER. FAILURE TO DO SO MAY BE GROUNDS FOR CANCELLATION OF CONTRACT.

NOTE: IF THIS BID COVERS CONSTRUCTION, SCHOOL BUSING, HAZARDOUS WASTE, OR VESSEL OPERATION, APPLICABLE COVERAGES FROM THE FOLLOWING LIST MUST ALSO

BE SUBMITTED TO THE DIVISION OF PURCHASES PRIOR TO AWARD: * PROFESSIONAL LIABILITY INSURANCE (AKA ERRORS & OMISSIONS) - \$1 MILLION OR 5% OF ESTIMATED PROJECT COST, WHICHEVER IS GREATER. * BUILDER'S RISK INSURANCE - COVERAGE EQUAL TO FACE AMOUNT OF CONTRACT FOR CONSTRUCTION. * SCHOOL BUSING - AUTO LIABILITY COVERAGE IN THE AMOUNT OF \$5 MILLION. * ENVIRONMENTAL IMPAIRMENT (AKA POLLUTION CONTROL) - \$1 MILLION OR 5% OF FACE AMOUNT OF CONTRACT, WHICHEVER IS GREATER. * VESSEL OPERATION - (MARINE OR AIRCRAFT) - PROTECTION & INDEMNITY COVERAGE REQUIRED IN THE AMOUNT OF \$1 MILLION.

LICENSE REQUIREMENTS

VENDOR (OWNER OF COMPANY) IS RESPONSIBLE TO COMPLY WITH ALL LICENSING OR STATE PERMITS REQUIRED FOR THIS TYPE OF SERVICE. A COPY OF LICENSE/PERMIT SHOULD BE SUBMITTED WITH THIS BID. IN ADDITION TO THESE LICENSE REQUIREMENTS, BIDDER, BY SUBMISSION OF THIS BID, CERTIFIES THAT ANY/ALL WORK RELATED TO THIS BID, AND ANY SUBSEQUENT AWARD WHICH REQUIRES A RHODE ISLAND LICENSE(S), SHALL BE PERFORMED BY AN INDIVIDUAL(S) HOLDING A VALID RHODE ISLAND LICENSE.