Addendum 2

Subject: Paint and Plaster Stabilization
SDP Contract No. B-002 G 2018/19
Location: Various

This Addendum, dated October 18, 2018, shall modify and become part of the RFQ for the work of this project. Any items not mentioned herein, or affected by, shall be performed strictly in accordance with the original documents.

1. Attachment “D” (Hourly Rates) has been revised. Proposers shall submit the attached revised Attachment “D” with their proposals.

   NOTE: All-inclusive hourly rates for premium Time or Night Differential shall reflect increased labor rates ONLY, if any; Cost of material or consumables should not be increased due to premium time or night differential work schedules.

2. MODIFY the sample Standard Contract for Specific Locations as follows:

   SECTION 09 9123 PAINTING
   PART 2-PRODUCTS
   2. 1. Manufacturers’ Names

   ADD the following to the List of Acceptable Manufacturers:
   5. INSL-X, manufactured by Benjamin Moore & Co.
   6. SYNAVAX
   7. ECOBOND LBP, LLC
ADD. 2.3 LEAD ENCAPSULANT COATINGS (NEW)

2.3.1 The following lead encapsulant coatings, described in the attached product data sheets or specifications, shall be used as indicated in the Scope of Work Detail for the specified application or designated a location, or as directed by the Project Manager:

2.3.1.1 INSL-X LEAD BLOCK (Product Data Sheet)

2.3.1.2 SYNAX LEAD X (Product Data Sheet)

2.3.1.3 ECOBOND LBP Lead Defender PRO (Specification)

2.3.2 Substitution of the specified product for a specified application or designated location will not be permitted without the prior approval of the Project Manager.

3. PROPOSERS’ QUESTIONS

Question: I have a quick question regarding the request for qualification. Is that packet the only forms needed to be completed and submitted by the 25th of this month?

Can we mail it or needs to be hand delivered?

Answer: The documents specified in Section 5.0 FRQ (Proposal) Submission Requirements, as they may be modified by addenda that are issued, are all that is required. Submissions may be made by mail or delivery service, but proposer assumes the risk that they will be delivered to the Capital Programs office in time.

End of Addendum 2

Attachments:

Revised Attachment D-Hourly Rates, 1p.

INSL-X Product Data Sheet, 2 p.

SYNAVAX-Product Data Sheet, 2 p.

ECOBOND LBP Lead defender PRO-Specification, 2 p.
PRIME PROPOSER’S FIRM: ________________________________

Hourly rates will be utilized for any authorized and approved additional services.

Do not provide a range. Do not add positions. Include rates for positions shown.

<table>
<thead>
<tr>
<th>Name &amp; Company</th>
<th>Position</th>
<th>Hourly Rate</th>
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<tbody>
<tr>
<td>Company</td>
<td>Key Personnel</td>
<td>Painters – Brush Roller</td>
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<tr>
<td>Company</td>
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<td>Painters – Spray, Steel, and Swing</td>
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<td></td>
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<td>Markup on Material</td>
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<tr>
<td></td>
<td></td>
<td>Synavax LeadX (per gallon)</td>
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<tr>
<td></td>
<td></td>
<td>INSL-X Lead Block (per gallon)</td>
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<td></td>
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<td>Ecobond LBP (per gallon)</td>
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LEAD BLOCK®
LEAD ENCAPSULANT COATING
EGGSHELL EC-3210

Features
- Interior/Exterior
- High Build
- Seals Lead-Based Paint
- Can be top-coated using most water based architectural coatings
- Contains Bitrex - Anti-Ingestant
- Low VOC
- Soap and Water Clean-Up

General Description
This is a thin film, water based, elastomeric coating formulated to encapsulate lead-based paints and forms a dense, high-solids barrier that blocks and seals to prevent the migration of lead contaminants from reaching the surface. It contains Bitrex, a bitter tasting, anti-ingestant, which deters children from oral contact. Lead Block® conforms to the requirements of the Commonwealth of Massachusetts Public Health (139 31) and meets the requirements of the U.S. Department of Housing and Urban Development (H.U.D.), which spells out a 20-year manufacturer’s warranty.

Recommended For
Interior – This product may be applied to walls, trim and ceilings, or properly prepared drywall, plaster, wood, masonry or metal surfaces. Lead Block should not be used on friction surfaces or moveable closures, as the thickness of the applied coating may alter clearances and affect proper operation. Exterior – Product may be applied to vertical surfaces, including properly prepared masonry, stucco, wood, wood, or metal substrates. No application of exterior coatings is approved by the State of Massachusetts for Lead encapsulation.

Limitations
- Do not apply to below grade or back-filled walls.
- Do not apply if surface or air temperatures are below 50 °F (10 °C), above 95 °F (35 °C) or within 5° of Dew Point
- Not recommended for coating horizontal surfaces or freestanding walls.

Product Information

Colors — Standard:
EC-3210 – White
Can tint using up to 2 oz. of Universal Colorant per gallon.

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>White</th>
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<tbody>
<tr>
<td>Acrylic</td>
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<tr>
<td>Pigment Type</td>
<td>Titanium Dioxide</td>
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Volume Solids 44 ± 1.0%

Coverage per Gallon at Recommended Film Thickness 85 – 100 Sq. Ft.

Recommended Film Thickness
- Wet 16 - 19 mils
- Dry 7 - 8.5 mils

Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.

Dry Time @ 77 °F (25 °C) @ 50% RH
- Tack Free 2 – 4 Hours
- To Reccoat 4 – 12 Hours
- To Cure 4 to 7 Days

High humidity and cool temperatures will result in longer dry, recoat and service times.

Dries By Evaporation
Viscosity 125 – 130 KU
Flash Point N/A

Gloss / Sheen Eggshell 8-12 @ 60° / 25-30 @ 85°
Surface Temperature at Application
- Min. 50 °F
- Max. 95 °F

Thin With Clean Water
Clean Up Thinner Warm, Soapy Water
Weight Per Gallon 11.0 lbs.
Storage Temperature
- Min. 45 °F
- Max. 95 °F

Volatile Organic Compounds (VOC) 93 Grams/Liter 0.78 Lbs./Gallon
Sag rating of 20+ Mils

Certification & Qualifications:
The products supported by this data sheet contain a maximum of 100 grams per liter VOC/VOS (0.83 lbs/gal.) excluding water & exempt solvents.

This product meets qualifications for LEED (Leadership in Energy and Environmental Design) projects as a Non-Flat Coating.
Meets ASTM-E 1795

Technical Assistance: Available through your local authorized independent Insl-x dealer. For the location of the dealer nearest you, call 1-866-708-9180, or visit www.insl-x.com

◊ Reported values are for White. Contact dealer for values of other bases or colors.
Surface Preparation

The surface to be coated must be clean, sound, dry and free of dirt, grease, oil, wax, rust, mildew, flaking paint or any other contamination that could affect proper adhesion and film performance. Remove surface dirt, grease and oil by washing the surface with and oil and grease emulsifier, per label instructions. Any wax contamination should be removed by cleaning the surface with a commercial wax remover. Active mildew spores must be removed by washing the surface with a solution of one part household bleach* mixed with six parts water. Rinse thoroughly with clean water following all label instructions.

*Follow bleach manufacturer’s instructions for safe handling and use of bleach solution.

Rust should be tightly adhering. Remove loose or flaking paint by hand scraping. Preliminary to scraping, cover the entire horizontal work area with plastic drop cloths to collect all paint chips removed. Adequate respiratory protection is strongly recommended as lead dust could be generated during the scraping procedure.

Once all loose paint has been removed, repair the surface irregularities using joint compound for interior wall or ceiling surfaces. To smooth joint compound on interior surfaces, use a damp sponge to evenly blend the compound into the surrounding surfaces. Avoid dry sanding lead bearing surfaces whenever possible. Fold plastic drop clothes from the outside edges to the middle making sure all paint chips and assorted residue are contained within the plastic. Treat this residue as hazardous waste and dispose of in accordance with all local, state and federal regulations. HEPA Vacuum (High Efficiency Particulate Accumulator) all surfaces to remove hazardous lead dust and particles. Existing high gloss to enamel surfaces require special preparation. Three options are available when dealing with glossy or enameled finishes. The first option is probably the fastest and easiest. Make sure the surface is clean from contamination, as previously mentioned and apply a coat of primer. Apply at no more than 2 mils wet film thickness and allow overnight cure before finishing with Lead Block. The second option is to wet scour the glossy surface using a TSP (or equivalent) and water solution with coarse bronze wool until the gloss is eliminated. After the surface dries out, HEPA Vacuum the surface and the surrounding area and follow up with wet mopping. The third option is to use a chemical deglossing material as an alternate method to wet scouring. Follow all label directions completely.

Any bare surfaces resulting from surface preparation procedures should be spot primed with an appropriate primer for the surface: as listed:

- **Drywall/Plaster** – Insl-x® AQ-0400 Aqua Lock™ Plus
- **Masonry** – Coronado® 48-11 Acrylic Masonry Primer-Sealer
- **Ferrous Steel** – Corotech® V110 Acrylic Metal Primer
- **Galvanized** – Corotech® V110 Acrylic Metal Primer
- **Interior Wood** – Insl-x® AQ-0400 Aqua Lock™ Plus
- **Exterior Wood** – Insl-x® TB-1100 Blockout® Primer

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

Stir this product thoroughly before use. Once stirred, Lead Block is ready to use. Do not thin or incorporate any additives into this product. Apply Lead Block in a one-coat process, applied at 14-16 wet mils using the airless spray method. This is the preferred method of application and will produce a uniform and smooth finish. Because of the high viscosity of this material, the airless spray pump must be powerful enough to pump the material, without lag or fingering at the gun, when using a 0.019 to 0.025 tip orifice. Apply 14-16 mils WFT by spray, one coat only. If applied by brush or roller, use only top quality application tools so that the smoothest possible finish can be obtained. Multiple coats will be necessary to achieve the desired film thickness. Expect 7-8 mils WFT per coat by brush and 8-12 mils WFT by roller. Pay particular attention to wet film thickness rates, when applying by brush or roller, to make sure adequate film build is achieved. Do not apply if surface or air temperatures are below 50 or above 95 degrees Fahrenheit.

Clean Up

To Clean Up tools use mild soap and water.

Environmental Health & Safety Information

**Warning**

May cause an allergic skin reaction

**Prevention:** Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

**Response:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Disposal:** Dispose of contents/container to an approved waste disposal plant.

**WARNING** Cancer and Reproductive Harm—www.P65warnings.ca.gov

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

**KEEP OUT OF REACH OF CHILDREN**

**PROTECT FROM FREEZING**

Refer to Safety Data Sheet for additional health and safety information.
PRODUCT DATA SHEET

LeadX™ Clear Lead Encapsulation Coating

USES:
✓ Commercial buildings
✓ Homes
✓ Historical Buildings
✓ Government Buildings
✓ Hospitals/Schools
✓ Pipes
✓ Wood
✓ Nuclear facilities

BENEFITS:
✓ Easy encapsulation of lead
✓ Mold resistant, without use of harsh chemicals
✓ Moisture resistant
✓ Non-toxic, water-based, low VOC
✓ Clear, allowing surface to remain visible
✓ Outstanding durability and weathering
✓ Easily applied by brush, roller or paint sprayer
✓ Space saving – each coat is applied at 4 wet mils; a 2-coat application is standard
✓ Can be painted over
✓ Breathable, won’t act as a vapor barrier
✓ Easy cleanup
✓ 20-year warranty for interior use; 5 year warranty for exterior use

OVERVIEW:
Clear lead encapsulation coating. Sustainable coating which is used to encapsulate and remediate lead based paint and lead contaminated surfaces. Use over brick, painted walls, wood, concrete, stucco, and many other surfaces. Can be painted over. Once cured, can perform at temperatures between -40F (-40C) up to 256F (125C).

Clear, nanotechnology-based coating for safe encapsulation of lead and mold resistance used for lead abatement of building surfaces, such as walls, ceilings, pipes, and more. Color: Translucent (ClearCoat) with a smooth, matte finish.

ADVANTAGES:
LEAD ABATEMENT: Safe and effective encapsulation of lead based paint and lead contaminated surfaces such as wood, brick, concrete, and more.

MOLD RESISTANCE: Resistant to growth of mold and mildew. Coating has been tested to ASTM D5590 and ASTM G21 for mold resistance. Reduces chance of food contamination.

EXCELLENT ADHESION: Forms a strong bond with the surface to protect from lead. ASTM D4541 tested for superior pull-off strength at 2400-2450 psi.

ENVIRONMENTALLY FRIENDLY: Non-toxic, non-flammable, water-based coating is low VOC, low odor, and environmentally friendly. Synavax™ coatings are a sustainable, green technology.

SURFACE PROTECTION: Highly moisture resistant as well as UV resistant, protecting underlying building surfaces from weathering and damage due to the elements.

COLOR OPTIONS: Clear, White, or Custom Tint (25 gallon minimum for custom tint)

CONTACT/ORDERING:
Phone: 800-858-3176
Order Online: www.synavax.com
PRODUCT DATA:

Yields approximately 4 mils/100 microns wet film thickness (1 coat) over 450 square feet (42 square meters) of surface area, depending on surface.

Yields approximately 8 mils/200 microns wet film thickness (2 coats) over 225 square feet (21 square meters) of surface area, depending on surface.

.75 mil (19 microns) DFT

20 minutes to 1 hour

30 days, dependent upon environmental variables

2 years, from date of manufacture

0% 5B, edges remain smooth, no flaking

2400-2450 psi

Class A

Passed 10 year equivalent with no discoloration or loss of adhesion

Zero or minimal growth

0% detectable lead when coated over solid lead blocks

0.91

5 perms/inch @ 23 deg C.

OTHER TESTING:

LeadX™ has been thoroughly tested on solid lead blocks during in house controlled laboratory testing, and was shown to successfully encapsulate lead and prevent lead from leaching through to the surface.

LeadX™ has also been tested individually by many environmental remediators who have identified it as their lead encapsulant of choice.

LIMITATIONS:

Do not use as a final floor covering.

Do not use over flaking paint.

Do not install where long-term submersion in liquid or continuous exposure to moisture is a possibility.

Do not install over poor surfaces, such as those with flaking paint, grease or other contaminants.

Do not allow application to be subject to rain or condensation for at least 72 hours.

Do not allow application to be subject to freezing temperatures during first 30 days.

Do not rely on visual measurement for coating thickness. Always use a wet film thickness (WFT) and/or dry film thickness (DFT) gauge in several areas to ensure proper application thickness. See Crystal Application Handbook for further details.

APPLICATION HANDBOOK:

The Synavax™ Application Handbook for buildings, which includes application of the LeadX™, is available for download at: www.synavax.com.
ECOBOND™ LBP: Lead Defender™ PRO
Lead Based Paint Sealant and Treatment, Latex Primer and Paint

PRODUCT DESCRIPTION: Specially formulated for professional use with patented lead treatment reagents, paint penetrators, paint softeners, and the best professional-grade quality latex paint to penetrate, bond, seal and treat existing lead paint applications and control the spread of airborne lead. Advanced human bioavailability reduction, resistance to acid rain, low odor, low VOC, quick dry penetrating resin, firm anchorage and paint application compatibility. For use on interior and exterior surfaces.

WHERE TO USE: Use to seal and treat lead paint/dust as a self-priming interior paint or as an exterior primer prior to application of standard exterior topcoat. Ideal for offices, retail/commercial/industrial facilities, DOT structures, schools, and residential. Superior adhesion on most properly prepared substrates, the unique Paint-it-on Leave-it-on™ formula can be used on a variety of surfaces including, but not limited to:

- Wood
- Drywall/Plaster
- Steel
- Masonry
- Brick
- Metal
- Concrete
- Asphalt

SURFACE PREPARATION
- Surface must be clean, dry, and free of dust, rust, grease, oil, and peeling paint that could interfere with adhesion
- Patch and repair any damaged areas such as holes and cracks
- High Gloss Surfaces may be prepared by application of a liquid deglosser and or TSP, rinse well and allow to dry; High gloss topcoat applications, may require scuffing
- Prepare Masonry Surfaces by applying a masonry sealer prior to Lead Defender™ PRO application. Remove all dust with a damp cloth, allow surface to dry

APPLICATION (cont.)
- Initial testing is recommended by painting a small area prior to full application to confirm compatibility
- Protect surface from rain or moisture until dry

CLEANUP AND DISPOSAL:
- Clean spills immediately with soap and warm water
- Wash hands, tools, and equipment with warm soapy water after use
- Dispose of all waste according to current local, state, and federal regulations

DEFENSE AGAINST LEAD PAINT HAZARDS

**PRODUCT TESTING**
- EPA Method 1311: Reduces lead hazards by up to 95%
- ASTM E1613-12: Reduces airborne lead dust by up to 99%
- EPA 9200.1-86: Reduces relative lead bioavailability by up to 75%
- EPA Method 1312: Resists acid rain

**RECOMMEND FILM THICKNESS**
- Single coat 4-6 mil wet for typical application
- Incrementally layer up to 12 mil wet for higher concentrations of lead

**COVERAGE**
250-300 sf/gal depending on surface texture, porosity and application method

**APPLICATION TEMPERATURE**
50° – 100° F

**APPLICATION TOOLS**
- Airless Sprayer: Recommended tip size .017-.031, filters removed
- Roller: High quality ½ - ¾ “ nap
- Brush: Nylon/polyester blend

**DRY TIME AT 77° F, 50% RH**
- To touch: 2-4 hours
- To recoat/topcoat: 4 hours

Application at lower temperatures, high humidly, or poor ventilation will affect dry time.
SAFETY PRECAUTIONS:

- Follow lead work safe practices (http://www2.epa.gov/lead/renovation-repair-and-painting-program) and all appropriate guidelines (e.g. OSHA, NIOSH, EPA and all other applicable Federal and State Laws and Regulations).
- To control lead exposure, the use of a respirator, eye protection, and protective clothing is recommended.
- Use only with adequate ventilation, if you experience difficulty breathing; leave the area to obtain fresh air. If continued difficulty is experienced, seek medical assistance immediately.
- Avoid contact with eyes and skin; in case of eye contact, flush immediately with plenty of water for at least 15 minutes and seek medical assistance. For skin, wash thoroughly with soap and water.

DANGER – Harmful if swallowed; Keep out of reach of Children

LEAD WARNING: If you scrape, sand, or remove old paint, you may release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure. Wear a NIOSH-approved respiratory to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log onto www.epa.gov/lead.

WARRANTY: Manufacturer warrants that the Products are free from defects in material and workmanship under normal use and proper storage. Manufacturer’s obligation under this warranty shall be limited to replacement of any product that may be defective within 30 days from the date of purchase, and which upon Manufacturer’s examination discloses to Manufacturer’s satisfaction to be defective, or at the Manufacturer’s option, to refund an amount equal to the purchase price paid. This warranty is expressly in lieu of all other warranties expressed or implied, including the warranties of merchantability and fitness for use, and of all other obligations or liabilities on manufacturer’s part, and manufacturer neither assumes, nor authorizes any other person to assume for manufacturer any other liability in connection with the sale of this product. This warranty shall not apply to product or any part thereof, which has been subject to freezing, excessive heat, dilution, improper mixing, improper surface preparation, improper storage, or improper application.

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