



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Administration  
DIVISION OF PURCHASES  
One Capitol Hill  
Providence, RI 02908-5855

Tel: (401) 574-8100  
Fax: (401) 574-8387  
Website: [www.purchasing.ri.gov](http://www.purchasing.ri.gov)

January 31, 2014

**ADDENDUM NUMBER TWO  
SOLCITATION 7548384**

**TITLE: Cranston Street Armory-Structural Stabilization, Repairs and Improvements  
to the Building Envelope-Phase I.**

**Closing Date and Time: 2/7/2014 at 10:30 AM**

**Per the issuance of this ADDENDUM #2, note the following:**

This addendum posts the transcript (7 pages) from the non- mandatory pre bid conference held 1/27/14 at 9 am.

This addendum posts the sign in sheet (2 pages) from the non-mandatory pre bid conference held 1/27/14 at 9 am.

This addendum answers questions (2 pages) from the non-mandatory pre bid conference and those submitted on line to [bidinfo@purchasing.ri.gov](mailto:bidinfo@purchasing.ri.gov) until 5pm, January 29, 2014.

This addendum attaches changes to the contract documents/revised bid form and new Specification Section 074213 (21 pages)

Addendum is a total of 33 pages, including this cover sheet.

**END OF QUESTIONS**



State of Rhode Island  
 Division of Purchases  
 One Capitol Hill  
 Providence, RI 02908

**"NON-MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET**

<b>BID NUMBER</b>	7548394
<b>BID TITLE</b>	CRANSTON ST. ARMORY-STRUCTURAL STABILIZATION, REPAIRS AND IMPROVEMENTS TO THE BUILDING ENVELOPE-PHASE 1
<b>PRE-BID DATE AND TIME</b>	1/27/14 AT 9AM

<b>Purchasing Representative</b>	DCADORET
<b>Pre-Bid START TIME</b>	9:05
<b>Pre-Bid END TIME</b>	9:15

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT EMAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED (For Purchasing Use Only)
16	Kevin Leost	Seal Round	875 Lederelle	SMR @ ECLC.COM	498-3144	450-3145
17	PARISEAULT BUILDERS	JOE PARISEAULT	69 DILLON'S AVE WARRICK 10 WORTKINGTON RD GRANBY, CT	MIKE@PARISEAULT.COM JEE@PARISEAULT.COM RouDiola1@Verizon.net	7380624 401-226-6616	739 9270 228-8918
18	ED. Preservation	Gerrald St. Angelo	37 Central Swamp Rd Shawhan, RI 02886	Ruejiano @ EdPreservation.com	401-232-1010	401-232-1480
19	AFCSI GROUP	RIVERCEL GROUP	1285 Boyds Ave	Day @ afcsigroup.com	401-996-0774	
20	All Other restoration	Jay Fitzgerald				
21	Nicole Coombs	DOA Capital Project				
22	Cecelia Hulihan	DENN ACCURATED	111 CHESTNUT ST. PROVIDENCE, RI 02903	chullivan@durkeebrun.com	401.831.1240	
23	Jared Foley	DOA CONSULTANT	Coast and Harbor, DOA CONSULTANT	JFoley@coastandharbor.com		
24	Jessie Bunnick	DAN CADWIT				
25						
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**"NON-MANDATORY" PRE-BID CONFERENCE SIGN IN SHEET**

<b>BID NUMBER</b>	7548394
<b>BID TITLE</b>	CRANSTON ST. ARMORY-STRUCTURAL STABILIZATION, REPAIRS AND IMPROVEMENTS TO THE BUILDING ENVELOPE-PHASE 1
<b>PRE-BID DATE AND TIME</b>	1/27/14 AT 9AM

<b>Purchasing Representative</b>	DCADORET
<b>Pre-Bid START TIME</b>	9:05
<b>Pre-Bid END TIME</b>	9:10

COMPANY NAME	COMPANY REPRESENTATIVE	ADDRESS	CONTACT EMAIL	CONTACT PHONE NUMBER	CONTACT FAX NUMBER	PROPOSAL SUBMITTED FOR Purchasing Use (Y/N)
1 Alldo Roofing	Chris Pastuk	Lakewood St.	Chris@alldoroofing.com	401-663-0244	401-331-3104	
2 EVO Business	Bob Paderewski	33 Sherman Ave.	estimating @evobusiness.com			
3 Barry Building	Low Woyta	26 Dye St	m6 @ Barrybuilding.com	401-259-7014	401-943-3800	
4 Tracy Builders	Renan Ross	20 Wacoat St, Pawtucket	ESTIMATOR@TRACYBUILDERS.COM	401-943-3800	401-943-3822	
5 ANNUNZIO CONSTRUCTION	A.F. WIGI CONSTRUCTION	39 CEDAR SWAMP RD SMITHFIELD	afwigi@annunzioconstruction.com	932-1810		
6 Johnny Concrete & ABRASIVES		410 SOMMER ST PROV RD	LCORNER@JCONCRETE.COM	639-0207	821-0061	
7 [unclear]	SAUL [unclear]	2158 PINEWOOD DR CRANSTON	SAUL@PINEWOODCONSTRUCTION.COM	943-0110	944-40511	
8 BAPT CONST MASONRY & RESTORATION	MIKE STANGEL	575 GERRARD WALKER TOLSON RD	ESTIMATOR@BAPTCONST.COM	401-232-0582	401-349-2409	
9 CARSTAN	DAVID DICAPONE	1 HAZEL ST CRANSTON	DAVID@CARSTAN.COM	401-943-0110	401-943-0192	
10 FULTON WINDOWS	DAVID MURDOUGH	1325 AIRDOLE RD WATERVILLE, ME	DMURDOUGH@FULTONWINDOWS.COM	508-962-2802	508-676-6823	
11 RIPA & SONS CONTRACTORS	TERRELL CHINAWA	ONE CAPITOL PROTECTS	TERRELL@RIPASONS.COM	401-222-6336		
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**In The Matter Of:**  
*Pre-Bid Conference*

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*Cranston Street Armory*  
*January 27, 2014*

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**VIDEO CONFERENCE CENTERS**

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*Min-U-Script® with Word Index*

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
DEPARTMENT OF ADMINISTRATION

IN RE: :  
Cranston Street Armory :

BID NO: 7548384

DATE: January 27, 2014  
TIME: 9:00 a.m.  
PLACE: Dept. Of Administration  
One Capitol Hill  
Providence, RI

PRESENT:

CECELIA HALLAHAN, DURKEE BROWN  
DAVID CADORET, DEPT. OF ADMINISTRATION  
NICOLE COATES, DEPT. OF ADMINISTRATION  
CHRIS PASHNIK, ALPOLLO ROOFING  
ED BURMAN, ED BURMAN  
LON MOYA, BAHRY BUILDING  
BRIAN ROSS, TRAC BUILDERS  
ARMAND LUSI, A.F. LISI  
LENNY CANENTO, LABORERS  
SAL TOIJUCAN, TOWES CONSTRUCTION  
MIKE ST. ANGEL, EAST COAST MASONRY  
DAVID DUCHARME, DEPT. OF ADMINISTRATION  
SCOTT RAYMOND, IRON CONSTRUCTION  
JOE PARISEAULT, PARISEAULT BUILDERS  
GERALD ST. ANGELO, RD. PRESERVATION  
RICH WEIJLACO, A.F. LUSI  
JAY FITZGERALD, ALL PHASE RESTORATION

1 (HEARING COMMENCED AT 9:07 A.M.)

2 MR. CADORET: Good morning, everybody.  
3 We'll get started. If you can't hear me, please let  
4 me know. I have a cold. My name is Dave Cadoret with  
5 the Division of Purchases. This is Nicole Coates from  
6 Capital Projects and Cecelia Hallahan from Durkee  
7 Brown Architects.

8 I'll handle the scope of work; I'll handle the  
9 bid process itself. Any questions, these two ladies  
10 will handle the questions as far as the scope of work  
11 goes. We're going to go through the whole front-end  
12 documents. First of all, there has been an addendum  
13 posted. There were section missing from the original  
14 bid. They now are on the website.

15 This is a nonmandatory prebid conference. We are  
16 allowing questions online. That date has been  
17 extended to 1/29/14 at 5 p.m., as noted in the  
18 addendum. There is a bid bond required on this bid.  
19 There is a payment and performance bond required.

20 This is a public works project. As of January 1,  
21 any public works project has to have a disk copy  
22 attached to it. The instructions are in 37-2-18, how  
23 that has to be submitted in this format. If that disk  
24 is not submitted, your bid will be deemed not  
25 responsive.

1           This is for the Cranston Street Armory,  
2 structural stabilization repairs and improvements to  
3 the building envelope. Some of the front-end  
4 documents are new; I'll go over those briefly. If you  
5 have any questions, feel free to ask them. We'll try  
6 to answer the questions here. If not, we'll post them  
7 on an addendum.

8           There is a general contractor certification form  
9 that has to be submitted at the time of bidding. This  
10 is for projects over \$1 million. If your bid is less  
11 than \$1 million, you don't have to submit it. There  
12 is a subcontractor apprentice certification form that  
13 must be completed before any work commences on the  
14 project.

15           There is a general contractor apprenticeship  
16 recertification certification form, must be completed  
17 at the time the contract is awarded. That will  
18 probably be at the tentative letter of award phase.  
19 Prevailing wage requirements, certification that has  
20 to be signed and submitted. We have now attached a  
21 bid preparation checklist for your convenience. It's  
22 just there to help you out and show you what has to be  
23 submitted.

24           We are also requesting a W-9 be submitted with  
25 every bid from now on. Any questions as far as the

1 bid process itself goes? I'll turn it over to you.

2 MS. HALLAHAN: The scope of work consists  
3 of limited environmental hazardous material abatement,  
4 limited roof and copper restoration replacement,  
5 masonry restoration, and window replacement.

6 I do want to draw your attention to the summary  
7 of the specifications which has particular work  
8 milestones. There is a base scope of work that needs  
9 to be completed by June 30 of 2014, then there are a  
10 series of six alternates. The alternates relate to  
11 the west tower windows, first floor windows at the  
12 west head house, second, third, and fourth floor end  
13 turret windows at the west head house, copper  
14 replacement at the west head house and base, the  
15 windows at the west head house.

16 So the intention is that once we see the amount  
17 of work that can be completed with the budgets that we  
18 have, that base scope will be completed by June 30,  
19 and then we will add alternates as your numbers come  
20 in. That is, in short, the scope of work. I welcome  
21 questions, if you have particular questions about any  
22 of the work.

23 MR. DANDENEAU: Is the site available for  
24 viewing?

25 MS. COATES: The exterior of the building

1 is available. Due to liability reasons, we're not  
2 going to be touring the interior of the facility.

3 MS. HALLAHAN: We should note that the  
4 building will remain occupied on the first floor  
5 throughout construction. So there is a tenant, and  
6 work will have to be in coordination with the existing  
7 tenant.

8 MR. CADORET: Any other questions? If  
9 something comes up, we are accepting questions online,  
10 like I say, until 1/29 at 5 p.m. Those will be posted  
11 in addendum form as well as the sign-in sheet by the  
12 end of the week.

13 (HEARING CLOSED AT 9:15 A.M.)  
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C-E-R-T-I-F-I-C-A-T-E

I, ELIZABETH GREELEY, a Notary Public, do hereby certify that I reported in shorthand the foregoing proceedings, and that the foregoing transcript contains a true, accurate, and complete record of the proceedings at the above-entitle hearing.

Reading and signing of the transcript was not requested by or any parties involved upon completion of the hearing.

IN WITNESS WHEREOF, I have hereunto set my hand this 27th day of January, 2014.

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ELIZABETH GREELEY, NOTARY PUBLIC  
CERTIFIED COURT REPORTER  
MY COMMISSION EXPIRES: 04/07/2014



111 CHESTNUT STREET  
PROVIDENCE, RI 02903

T 401 831 1240  
F 401 331 1945

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**ADDENDUM TO THE CONTRACT DOCUMENTS**

1241-addendum No. 2r-01.31.14.doc

**ADDENDUM No.:** 002

**DATE :** 01.30.14

**PROJECT:** Cranston Street Armory  
Structural Stabilization,  
Repairs and  
Improvements to the  
Building Envelope –  
Phase I

**OWNER:** State of Rhode Island  
Department of  
Administration, Division of  
Capital Projects & Property  
Management

The following items will amend the contract documents or provide clarification and are to be considered a part of the bid documents. Information provided in this addendum supersedes and supplements all portions of the bidding documents with which it conflicts.

Specification Section:	Description:
000100 Table of Content	Remove "074213.23 – Metal Composite Material Panels" and replace with "074213.19 – Insulated Metal Panels"
000300 Bid Form	Change Alternate No. 4 title to "Copper Replacement at the West Head House" and "Base Bid: Existing copper crenelation to remain." (See Re-issued bid form - herein)
000300 Bid Form	Change Alternate No. 5 to "At the basement, remove existing windows and security screens as shown on drawing A300. Salvage existing security bars at basement windows for restoration. Install new windows and new security screens. Restore salvaged security bars and reinstall at masonry openings."
000300 Bid Form	Add Unit. Price No. 11: Internal rain leader replacement.  Replace section of internal rain leader.  Rate for 20 linear feet of in kind replacement of cast iron leader \$ _____ Rate for 20 linear feet of in kind replacement of pvc leader. \$ _____
000300 Bid Form	Add: " 10A. Masonry Sub-Contractors Supplemental Qualifications  Supplemental Contractors' qualifications are required for masonry work to demonstrate experience with historic masonry. The masonry Contractor shall provide a list of at least three (3) completed projects using similar brick and terra cotta repair and patching applications on historic masonry structures within the last 5 years. Masons using specified patching compounds are required to be certified in the application of the material.  Project No. 1 _____ Project No. 2 _____ Project No. 3 _____  (See re-issued bid form herein.)

Specification Section:	Description:
012100, 3.3.D Allowances	<p>Add Allowance No. 3 – Guano Abatement: <u>\$100,000</u></p> <p>D.1 This allowance shall be used for work associated with the technical specifications for Pigeon Guano Abatement in Section 003126 and as noted in drawings AG200 thru AG400. Contractors shall carry an allowance of \$100,000 for Guano Abatement in their base bids. The successful bidder shall be required to submit a detailed breakdown of all costs (labor, material, disposal, etc.) associated with this work for review and approval by the Architect and the Owner prior to proceeding with the work.</p>
012200, 3.1 Unit Prices	<p>Add the following: "K. Unit Price No. 11 – Replace section of internal rain leader</p> <ol style="list-style-type: none"> <li>1. Description: Remove existing section of internal rain leader found to be defective by result of camera scoping and replace in kind with (1) cast iron and (2) pvc. Replace section of defective leader from union to union.</li> <li>2. Unit of Measurement: 20 linear feet.</li> </ol>
012300, 3.1.B.2 Alternates	<p>Revise the following at alternate No. 2: "2. Alternate: At the first floor of the West Head House, remove security screens where they occur, replace all windows, and provide new security screens on all windows as indicated on drawing A300."</p>
012300, 3.1.E.2 Alternates	<p>Revise the following at alternate No. 5: "2. Alternate: At the basement, remove the windows and security screens, replace all windows, and provide new security screens on all windows as indicated on drawing A300."</p>
061000, 2.9 Rough Carpentry	<p>Add the following: "B. Glass-Mat Gypsum Wall Sheathing/Overlay: ASTM C 1177/1177M.</p> <ol style="list-style-type: none"> <li>1. Product: "Dens-Glass Gold" by G-P Gypsum Corporation.</li> <li>2. Type and Thickness: Type X, 1/2 inch thick.</li> <li>3. To be used in addition to plywood sheathing where fire-rated exterior walls are indicated." </li></ol>
074213.19 Insulated Metal Panels	<p>Add new specification section, 074213.19, INSULATED METAL PANELS.</p>
074213.23 Metal Composite Material Panels	<p>Delete specification section in its entirety and replace with new section, 074213.19, INSULATED METAL PANELS.</p>
077200, 1.2.B Roof Accessories	<p>Add "5. Division 06 Section "Rough Carpentry" for all wood blocking, plywood, framing, etc."</p>
085113, 2.1.A.1 Aluminum Windows	<p>Delete 2.1.A.1 "Universal Window and Door" and add 2.1.A.1 "Winco"</p>

Drawing No.:	Description:
<b>Architectural</b>	
AX200	At 4/AX200, there is a roof drain and associated internal rain leader on the balcony adjacent to Room W306 Storage. The internal leader continues downward through the second, first and basement levels of the building in rooms W207, W103 and W004 respectively. The Contractor shall scope the internal leader to determine whether it is intact and free of water leaks. Should water infiltration directly related to the internal leader be encountered, the entire internal leader (or portions thereof) shall be replaced from the level of the roof drain down to the basement level connection. Replacement shall be according to Specification Section 012200 Unit Prices.
A400	At 2/3 A400 only delete keynote 7.14 at East Tower. Keynote 7.14 is still applicable at the West Tower.
A800	At detail 10/A800 change drawing title to "Det. @ Jamb @ Win C1 and C2" and Add Note: "See 2/3 A800 for screen location".
<b>Other</b>	
Bidders' Questions with Responses	Bidders' Questions and Responses, attached to this document, shall be part of this Addendum.

END OF ADDENDUM #2

Durkee, Brown,  
Viveiros & Werenfels  
Architects, Inc.

CRANSTON STREET ARMORY  
Structural Stabilization, Repairs and Improvements  
to the Building Envelope – Phase I  
Providence, RI  
DBVW Job #1241

SECTION 000300 - BID FORM

Date: \_\_\_\_\_

RFP Number: \_\_\_\_\_

To: The Department of Administration, Division of Purchases  
One Capitol Hill - Providence, Rhode Island 02908

Project: Cranston Street Armory – Structural Stabilization, Repairs, and  
Improvements to the Building Envelope  
Providence, Rhode Island

Submitted by: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Please include in the above spaces the firm's legal name, address, telephone, fax number, contact email address and license number, if applicable)

1. **BASE BID**

Having examined the Place of the Work and all matters referred to in the Instructions to Bidders, and in the Contract Documents, the cost submitted here-in includes all work delineated in the Project Manual and Drawings prepared by Durkee Brown Viveiros Werenfels Architects; dated November 20, 2013. Additionally, the cost provided herein is inclusive of all Allowances that have been identified in the Contract Documents; as such they have been calculated as part of the total costs submitted as part of the Base Bid Value. Furthermore, the Base Bid includes all work delineated in the addenda issued throughout the bidding process and takes into consideration the timeline as presented for the project included as part of the Bid.

The cost to provide the Owner for the Project in full compliance with the Project Documents can be completed for the Sum of (This Cost includes the values of the Allowances delineated in the Bid Form) and, we, the undersigned, hereby offer to enter into a Contract to perform the Work as prescribed for the Base Bid for the sum of:

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WE HAVE INCLUDED THE REQUIRED BID SURETY AS REQUIRED BY THE INVITATION TO BID AS PART OF THE ABOVE COST.

Durkee, Brown,  
Viveiros & Werenfels  
Architects, Inc.

CRANSTON STREET ARMORY  
Structural Stabilization, Repairs and Improvements  
to the Building Envelope – Phase I  
Providence, RI  
DBVW Job #1241

**2. ALLOWANCES**

Allowances for the Project to be included in Base Bid are as follows:

Include the following amounts (Collective Sum Total) in Bid, for inclusion in the Base Bid:

- A. **No. 1:** Roof Deck Replacement: \$15,000
- B. **No. 2:** Testing and Inspection Services: \$10,000
- C. **No. 3:** Guano Abatement: \$100,000

**I (the bidder) have carried as part of the Base Bid the total applicable value of the combined totals of Allowances as presented above.**

**3. ADDENDA**

The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum. Please note that ALL addenda must be acknowledged.

Addendum No.1, dated \_\_\_\_\_

Addendum No.2, dated \_\_\_\_\_

**4. ALTERNATES**

BIDDER agrees to be bound by the following alternate prices:

The Bidder shall take notice that the Alternates are listed in the order in which the Owner intends on awarding them based on available funds and as follows:

Add Alternates will be considered in the order in which they are presented except where available project funds require choices out of the order in which they are presented. The Owner will then award the next alternate on the list that the project budget supports or otherwise award a combination of alternates that follows the order within the project budget. Additionally, the Owner reserves the right to award Alternates as may be determined to be in the best interests of the Owner.

**Alternate No. 1: West Tower Windows**

Base Bid: Existing windows to remain.

Alternate: Replace windows in the West Tower as indicated on drawing A300.

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**Alternate No. 2: First Floor Windows at the West Head House**

Base Bid: Existing windows to remain.

Alternate: Replace windows and security screens at the first floor of the West Head House as indicated on drawing A300.

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**Alternate No. 3: Second, Third, Fourth Floor & Turret Windows at the West Head House**

Base Bid: Existing windows to remain.

Alternate: Replace windows at the second, third, and fourth floors and turret of the West Head House as indicated on drawing A300.

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**Alternate No. 4: Copper Replacement at the West Head House**

Base Bid: Existing copper crenelation to remain.

Alternate: Replace all copper at Head House crenelation, including the merlons and embrasures, at the West Head House as indicated on drawings A300 & A303.

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**Alternate No. 5: Basement Windows at the West Head House**

Base Bid: Existing windows to remain.

Alternate: At the basement, remove existing windows and security screens as shown on drawing A300. Salvage existing security bars at basement windows for restoration. Install new windows and new security screens. Restore salvaged security bars and reinstall at masonry openings.

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**Alternate No. 6: First Floor Masonry West Head House**

Base Bid: Existing windows to remain.

Alternate: Repoint granite at the basement and first floor of the West Head House as indicated on drawing A300.

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**4. UNIT PRICES**

Provide Unit Pricing for the following items which shall be used for additive and deductive change orders as may be required. The General Contractor shall submit Unit Costs as requested and each cost submitted shall be considered to be all inclusive and includes overhead, profit, travel, mobilization, incidental and appurtenant cost for the complete legal removal and/or installation of all items identified. Costs submitted shall be inclusive of compliance with all regulatory requirements, legal disposal, labor, materials, testing, bonding and administrative costs to provide labor, materials and services as prescribed in the Contract Documents. When these costs (Unit Costs) are used for deductive change orders, the cost will be totaled and two (2) percent will be subtracted from the final total which shall be considered administrative costs for the General Contractor for preparing the deductive Change Order. Provide these Unit Costs in Numerical form only. Prior to a final bid award confirmation of the Unit Costs will be made between the Owner and General Contractor. Unit costs will be reviewed as part of the overall review of the Bidders proposal for fairness and competitiveness.

The General Contractor shall note that the presence of a requested Unit Cost does not imply that General Contractor does not own these services in the Base Bid as prescribed in the Contract Documents and are being provided in the event the services are required due to circumstances mutually agreed to as being work in excess of that prescribed in the Contract Documents.

Durkee, Brown,  
Viveiros & Werenfels  
Architects, Inc.

CRANSTON STREET ARMORY  
Structural Stabilization, Repairs and Improvements  
to the Building Envelope – Phase I  
Providence, RI  
DBVW Job #1241

DESCRIPTION OF SERVICE	CONTRACTORS UNIT COST
<b>Unit Price No. 1: Roof Deck Replacement</b>	
Remove existing deteriorated roof deck and replace with new decking to match the existing.	
Rate per square foot	\$     ,     .     .     .     .     .
<b>Unit Price No. 2: Removal and Replacement of Brick, 1 Wythe Thickness</b>	
Provide removal and replacement of brick units according to Division 040100 Section "Maintenance of Masonry"	
Rate for 1 square foot or 6 bricks, 1 Wythe thickness	\$     ,     .     .     .     .     .
<b>Unit Price No. 3: Rebuild Masonry Full Thickness of Wall</b>	
Provide rebuilding of full thickness of masonry wall according to Division 04 Section "Maintenance of Masonry"	
Rate for 1 square foot, up to & including 16" thick wall	\$     ,     .     .     .     .     .
Rate for 1 square foot, full wall thickness beyond 16"	\$     ,     .     .     .     .     .
<b>Unit Price No. 4: Masonry Repointing</b>	
Provide raking out joints and repointing according to Division 040100 Section "Maintenance of Masonry"	
Rate per 1 square foot of brick repointing	\$     ,     .     .     .     .     .
Rate per 1 square foot of granite repointing	\$     ,     .     .     .     .     .
Rate per 1 square foot of terracotta repointing	\$     ,     .     .     .     .     .
<b>Unit Price No. 5: Terracotta Crack Repair</b>	
Perform crack injection repair according to Division 04 Section "Maintenance of Masonry"	
Rate per 1 linear inch	\$     ,     .     .     .     .     .
<b>Unit Price No. 6: Plaster Repair / Replacement</b>	
Replace plaster flush with adjacent existing to remain in accordance with Division 09 Section "Plaster Systems". Include replacement of lath and furring in kind.	
Rate per 1 square foot of plaster replacment	\$     ,     .     .     .     .     .
<b>Unit Price No. 7: Copper Flashing / Sheet Metal Trim</b>	
Replace copper flashing and sheet metal trim in kind with existing configuration and details per Division 07 Section "Sheet Metal Flashing and Trim". Match existing profiles. Include replacement of wood framing, sheathing, and substrates.	
Rate per 1 merlon and 1 embrasure	\$     ,     .     .     .     .     .
<b>Unit Price No. 8: Removal of Hazardous Material - Plaster</b>	
Remove and properly dispose, in its entirety, plaster that has tested positive as asbestos-containing. Refer to Division 02 Section "Environmental" for additional information.	
Rate per 1 square foot	\$     ,     .     .     .     .     .

<b>Unit Price No. 9: Removal of Hazardous Material - Sealant</b>										
Remove and properly dispose, in its entirety, sealant that has tested positive as asbestos-containing. Refer to Division 02 Section "Environmental" for additional information.										
Rate per 1 linear foot	\$									
<b>Unit Price No. 10: Removal of Hazardous Material – Roof Flashing</b>										
Remove and properly dispose, in its entirety, roof flashing that has tested positive as asbestos-containing. Refer to Division 02 Section "Environmental" for additional information.										
Rate per 1 square foot	\$									
<b>Unit Price No. 11: Internal Rain Leader Replacement</b>										
Replace section of internal rain leader.										
Rate for 20 linear feet of in kind replacement of cast iron leader.	\$									
Rate for 20 linear feet of in kind replacement of pvc leader.	\$									

BIDDER agrees to be bound by the unit prices provided herein.

**6. CONTRACT TIME**

If this Bid is accepted, we will achieve the Key Dates and Milestone periods delineated below.

Description of Key Dates for Project Milestones are as follows, based on Summary of Work in Section 010100 and delineated as follows:

- Start of Construction ..... March 3, 2014
- Date of Completion of Base Bid Work..... June 30, 2014
- Date of Completion of Alternates ..... June 30, 2015

Full and beneficial use of the site; which also allows for public access. Issuance of Final Completion will be considered at this time provided all punch lists are reasonably complete and there is no outstanding work to be completed.

**8. DRAWING AND CONTRACT EXHIBITS**

Project Drawing and Technical Specifications have a Table of Contents that Serve as the list of Drawings and Project Documents.

**9. LIQUIDATED DAMAGES**

"The Bidder (Contractor) acknowledges and recognizes that the Owner is entitled to full and beneficial use of the site as defined in the master schedule and Section entitled "Contract Time " in this Bid Form. It is the Owners intent to proceed as delineated in the project schedule and achieve final completion. Therefore, the Owner and the Contractor agree as set forth in the following paragraph.

If the Contractor fails to achieve milestones, the Owner shall be entitled to retain or recover from the Contractor, as liquidated damages and not as a penalty, the following per diem amounts commencing upon the first day following expiration of the aforesaid Date of final Completion and con-

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tinuing until the Actual Date of Final Completion. Such liquidated damages are hereby agreed to be a reasonable pre-estimate of damages the Owner will incur as a result of the delayed completion of the Work:

The Contractor agrees that the per diem liquidated damages (including weekends) are five hundred dollars (\$500) per day. The maximum liquidated damages payable shall be \$100,000.

The Owner reserves the right to "Actual Damages" which for the purposes of this section shall be defined as all associated costs to delay and/or store equipment including the costs of any and all labor and potential difference in cost between original owner proposals and potential costs differences due to premiums associated with these costs and not limited to remobilization to complete the work timely as it is related and associated with such delay, including remobilization costs, design team fees, project management fees, shift premiums and other costs associated with such delays for those items outlined here-in. In addition, Actual Damages shall be defined to also include the cost of leasing or renting space for project needs. These damages shall be based on the actual documented costs for those items defined above or other direct costs that the end user may be required to pay in order to maintain operations.

The Owner may deduct liquidated damages described in the aforesaid from any unpaid amounts then or thereafter due the Contractor under this Agreement. Any liquidated damages not so deducted from any unpaid amounts due the Contractor shall be payable to the Owner upon the demand of the Owner, from the Contractor and/or its surety."

#### 10. PROPOSED SUBCONTRACTORS

The Bidder shall state the names of all the subcontractors that he/she proposes to use for this project.

(If none, write "None")

1. Name: \_\_\_\_\_

Address: \_\_\_\_\_

Description of Work: \_\_\_\_\_

2. Name: \_\_\_\_\_

Address: \_\_\_\_\_

Description of Work: \_\_\_\_\_

3. Name: \_\_\_\_\_

Address: \_\_\_\_\_

Description of Work: \_\_\_\_\_

4. Name: \_\_\_\_\_

Address: \_\_\_\_\_

Description of Work: \_\_\_\_\_

(If additional subcontractors are utilized; attach separate sheet to the Bid Form.)

The names of the above mentioned subcontractors are submitted with full knowledge and consent of the respective parties. The bidder warrants that none of the proposed subcontractors have any conflict of interest with respect to this Contract.

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**10A. MASONRY SUB-CONTRACTORS SUPPLEMENTAL QUALIFICATIONS**

Supplemental Contractors' qualifications are required for masonry work to demonstrate experience with historic masonry. The masonry Contractor shall provide a list of at least three (3) completed projects using similar brick and terra cotta repair and patching applications on historic masonry structures within the last 5 years. Masons using specified patching compounds are required to be certified in the application of the material.

Project No. 1

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Project No. 2

---

Project No. 3

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**11. BID FORM SIGNATURE(S)**

The Bid Sum submitted for the Base Bid includes the totals for Allowances. Bid Alternates and Unit Costs are provided as the Bid Form requires.

\_\_\_\_\_  
(Bidder's name)

By: \_\_\_\_\_

Title: \_\_\_\_\_

Corporate Seal:

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**THE CONTRACTOR SHALL PROVIDE AN AFFIDAVIT THAT THE PERSON WHO HAS AFFIXED HIS OR HER SIGNATURE TO THIS BID FORM IS ACTIVELY AND LEGALLY AUTHORIZED TO BIND THE FIRM CONTRACTUALLY. THIS FORM MUST BE SUBMITTED WITH AND AFFIXED TO THE BID FORM.**

END OF SECTION 000300

## SECTION 074213.19 - INSULATED METAL PANELS

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. Section Includes:

- 1. Foamed-insulation-core metal wall panels.

- B. Related Requirements:

- 1. Division 06 Section "Rough Carpentry" for wood blocking and metal clips for securing insulated panels in place.
  - 2. Division 01 Section "Historic Treatment Procedures" for review criteria of mockups by RIHDHC.
  - 3. Division 01 Section "Mockups" for review and approval procedures.

#### 1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

- 1. Meet with Owner, Architect, metal panel Installer, and installers whose work interfaces with or affects metal panels, including installers of doors, windows, and louvers.
  - 2. Review methods and procedures related to metal panel installation, including manufacturer's written instructions.
  - 3. Review temporary protection requirements for metal panel assembly during and after installation.
  - 4. Review procedures for repair of metal panels damaged after installation.
  - 5. Document proceedings, including corrective measures and actions required, and furnish copy of record to each participant.

#### 1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product.

- 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of panel and accessory.

B. Shop Drawings:

1. Include fabrication and installation layouts of metal panels; details of edge conditions, joints, panel profiles, corners, anchorages, attachment system, trim, flashings, closures, and accessories; and special details.
2. Accessories: Include details of the flashing, trim, and anchorage systems, at a scale of not less than 1-1/2 inches per 12 inches.

C. Samples for Initial Selection: For each type of metal panel indicated with factory-applied color finishes.

1.5 INFORMATIONAL SUBMITTALS

- A. Product Test Reports: For each product, tests performed by a qualified testing agency.
- B. Sample Warranties: For special warranties.

1.6 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For metal panels to include in maintenance manuals.

1.7 QUALITY ASSURANCE

- A. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for fabrication and installation.
  1. Build mockup of typical metal panel assembly for each type of project condition including supports, attachments, and accessories.
  2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
  3. Approval is required from the Architect, Owner, and the RIHDC.
  4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Deliver components, metal panels, and other manufactured items so as not to be damaged or deformed. Package metal panels for protection during transportation and handling.
- B. Unload, store, and erect metal panels in a manner to prevent bending, warping, twisting, and surface damage.
- C. Stack metal panels horizontally on platforms or pallets, covered with suitable weathertight and ventilated covering. Store metal panels to ensure dryness, with positive slope for drainage of water. Do not store metal panels in contact with other materials that might cause staining, denting, or other surface damage.
- D. Retain strippable protective covering on metal panels during installation.

1.9 FIELD CONDITIONS

- A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit assembly of metal panels to be performed according to manufacturers' written instructions and warranty requirements.

1.10 COORDINATION

- A. Coordinate metal panel installation with rain drainage work, flashing, trim, construction of soffits, and other adjoining work to provide a leakproof, secure, and noncorrosive installation.

1.11 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of metal panel systems that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

- a. Structural failures including rupturing, cracking, or puncturing.
- b. Deterioration of metals and other materials beyond normal weathering.

2. Warranty Period: Two years from date of Substantial Completion.

- B. Special Warranty on Panel Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace metal panels that show evidence of deterioration of factory-applied finishes within specified warranty period.

1. Exposed Panel Finish: Deterioration includes, but is not limited to, the following:

- a. Color fading more than 5 Hunter units when tested according to ASTM D 2244.
- b. Chalking in excess of a No. 8 rating when tested according to ASTM D 4214.
- c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.

2. Finish Warranty Period: 20 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Structural Performance: Provide metal wall panel assemblies capable of withstanding the effects of indicated loads and stresses within limits and under conditions indicated, per ASTM E 72:

1. Wind Loads: Determine loads based on uniform pressure, importance factor, exposure category, and basic wind speed indicated on drawings.
2. Limits of Deflection: Composite wall panel system shall withstand scheduled wind pressure with the following allowable deflection:

- a. Maximum allowable deflection limited to L/180 deflection of panel perimeter normal to plane of wall with no evidence of failure.
- B. Air Infiltration: Maximum 0.06 cfm/sq. ft. (0.3 L/s per sq. m) per ASTM E 283 at a static-air-pressure difference of 6.24 lbf/sq. ft. (300 Pa), using minimum 10-by-10 foot (3050-by-3050 mm) test panel that includes horizontal and vertical joints.
- C. Water Penetration under Static Pressure: No uncontrolled water penetration per ASTM E 331 at a minimum static differential pressure of 15 lbf/sq. ft. (718 Pa), using minimum 10-by-10 foot (3050-by-3050 mm) test panel that includes horizontal and vertical joints
- D. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
  1. Temperature Change (Range): 120 deg F ambient; 180 deg F material surfaces.
- E. Fire-Test-Response Characteristics: Provide metal wall panels and system components with the following fire-test-response characteristics, as determined by testing identical panels and system components per test method indicated below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify products with appropriate markings of applicable testing agency.
  1. Fire-Resistance Characteristics: Provide materials and construction tested for fire resistance per ASTM E 119.
  2. Intermediate-Scale Multistory Fire Test: Tested mockup, representative of completed multistory wall assembly of which wall panel is a part, complies with NFPA 285 for test method and required fire-test-response characteristics of exterior non-load-bearing wall panel assemblies.
  3. Radiant Heat Exposure: No ignition when tested according to NFPA 268.
  4. Potential Heat: Acceptable level when tested according to NFPA 259.
  5. Surface-Burning Characteristics: Provide wall panels with a flame-spread index of 25 or less and a smoke-developed index of 450 or less, per ASTM E 84.

## 2.2 FOAMED-INSULATION-CORE METAL WALL PANELS

- A. General: Provide factory-formed and -assembled metal wall panels fabricated from two metal facing sheets and insulation core foamed in place during fabrication, and with joints between panels designed to form weathertight seals. Include accessories required for weathertight installation.
  1. Insulation Core: Modified isocyanurate or polyurethane foam using a non-CFC blowing agent, with maximum flame-spread and smoke-developed indexes of 25 and 450, respectively.
    - a. Closed-Cell Content: 90 percent when tested according to ASTM D 6226.
    - b. Density: Minimum 2.7 lb/cu. ft. (43.4 kg/cu. m)
    - c. Compressive Strength: Minimum 20 psi when tested according to ASTM D 1621.
    - d. Shear Strength: 26 psi when tested according to ASTM C 273/C 273M.

- B. Exposed-Fastener, Foamed-Insulation-Core Metal Wall Panels: Formed with a raised, trapezoidal major rib at panel edge and two intermediate stiffening ribs symmetrically spaced between major rib and panel edge; designed for lapping side edges of adjacent panels and mechanically attaching to supports using exposed fasteners in side laps.
- C. Basis of Design: CENTRIA, Formawall Dimension Series Insulated Core Metal Wall Panels or equal product from the following:
  - 1. Metl-Span
- D. Aluminum Face Sheet: Smooth surface coil-coated, ASTM B 209, 5052-H32 alloy.
  - 1. Face Sheet Thickness: 0.040 (1.0 mm) thick.
  - 2. Surface: Smooth.
  - 3. Exterior Finish: Two-coat fluoropolymer.
    - a. Color: Matte Black
  - 4. Interior Finish: Siliconized polyester.
    - a. Color: As selected by Architect from manufacturer's full range.
  - 5.
  - 6. Panel Coverage: Single panel for width and height of opening without seams.
  - 7. Panel Thickness: 2.0 inches.

### 2.3 MISCELLANEOUS MATERIALS

- A. Miscellaneous Metal Subframing and Furring: ASTM C 645, cold-formed, metallic-coated steel sheet, ASTM A 653/A 653M, G90 coating designation or ASTM A 792/A 792M, Class AZ50 aluminum-zinc-alloy coating designation unless otherwise indicated. Provide manufacturer's standard sections as required for support and alignment of metal panel system.
- B. Panel Accessories: Provide components required for a complete, weathertight panel system including trim, copings, fasciae, mullions, sills, corner units, clips, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of metal panels unless otherwise indicated.
  - 1. Closures: Provide closures fabricated of same metal as metal panels.
  - 2. Backing Plates: Provide metal backing plates at panel end splices, fabricated from material recommended by manufacturer.
  - 3. Closure Strips: Closed-cell, expanded, cellular, rubber or crosslinked, polyolefin-foam or closed-cell laminated polyethylene; minimum 1-inch- thick, flexible closure strips; cut or premolded to match metal panel profile. Provide closure strips where indicated or necessary to ensure weathertight construction.
- C. Flashing and Trim: Provide flashing and trim formed from same material as metal panels as required to seal against weather and to provide finished appearance. Locations include, but are not limited to, bases, drips, sills, jambs, corners, endwalls, framed openings, rakes, fasciae, parapet caps, soffits, reveals, and fillers. Finish flashing and trim with same finish system as adjacent metal panels.

- D. Panel Fasteners: Self-tapping screws designed to withstand design loads. Provide exposed fasteners with heads matching color of metal panels by means of plastic caps or factory-applied coating. Provide EPDM or PVC sealing washers for exposed fasteners.
- E. Panel Sealants: Provide sealant type recommended by manufacturer that are compatible with panel materials, are nonstaining, and do not damage panel finish.
  - 1. Sealant Tape: Pressure-sensitive, 100 percent solids, gray polyisobutylene compound sealant tape with release-paper backing. Provide permanently elastic, nonsag, nontoxic, nonstaining tape 1/2 inch wide and 1/8 inch thick.
  - 2. Joint Sealant: ASTM C 920; elastomeric polyurethane or silicone sealant; of type, grade, class, and use classifications required to seal joints in metal panels and remain weathertight; and as recommended in writing by metal panel manufacturer.
  - 3. Butyl-Rubber-Based, Solvent-Release Sealant: ASTM C 1311.

## 2.4 FABRICATION

- A. General: Fabricate and finish metal panels and accessories at the factory, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.
- B. Provide panel profile, including major ribs and intermediate stiffening ribs, if any, for full length of panel.
- C. Sheet Metal Flashing and Trim: Fabricate flashing and trim to comply with manufacturer's recommendations and recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of item indicated.
  - 1. Form exposed sheet metal accessories that are without excessive oil canning, buckling, and tool marks and that are true to line and levels indicated, with exposed edges folded back to form hems.
  - 2. Seams for Aluminum: Fabricate nonmoving seams with flat-lock seams. Form seams and seal with epoxy seam sealer. Rivet joints for additional strength.
  - 3. Seams for Other Than Aluminum: Fabricate nonmoving seams in accessories with flat-lock seams. Tin edges to be seamed, form seams, and solder.
  - 4. Sealed Joints: Form nonexpansion, but movable, joints in metal to accommodate sealant and to comply with SMACNA standards.
  - 5. Conceal fasteners and expansion provisions where possible. Exposed fasteners are not allowed on faces of accessories exposed to view.
  - 6. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal recommended in writing by metal panel manufacturer.
    - a. Size: As recommended by SMACNA's "Architectural Sheet Metal Manual" or metal wall panel manufacturer for application but not less than thickness of metal being secured.

## 2.5 FINISHES

- A. Protect mechanical and painted finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- B. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.
- C. Aluminum Panels and Accessories:
  - 1. Two-Coat Fluoropolymer: AAMA 2605. Fluoropolymer finish containing not less than 70 percent PVDF resin by weight in color coat. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.
  - 2. Siliconized Polyester: Epoxy primer and silicone-modified, polyester-enamel topcoat; with a dry film thickness of not less than 0.2 mil for primer and 0.8 mil for topcoat.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, metal panel supports, and other conditions affecting performance of the Work.
- B. Examine roughing-in for components and systems penetrating metal panels to verify actual locations of penetrations relative to seam locations of metal panels before installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 PREPARATION

- A. Miscellaneous Supports: Install subframing, furring, and other miscellaneous panel support members and anchorages according to ASTM C 754 and metal panel manufacturer's written recommendations.

### 3.3 METAL PANEL INSTALLATION

- A. General: Install metal panels vertically in openings. Anchor metal panels and other components of the Work securely in place, with provisions for thermal and structural movement.
  - 1. Shim or otherwise plumb substrates receiving metal panels.
  - 2. Flash and seal metal panels at perimeter of all openings. Fasten with self-tapping screws. Do not begin installation until air- or water-resistive barriers and flashings that will be concealed by metal panels are installed.

3. Install screw fasteners in predrilled holes.
4. Locate and space fastenings in uniform vertical and horizontal alignment.
5. Install flashing and trim as metal panel work proceeds.

B. Fasteners:

1. Aluminum Panels: Use aluminum or stainless-steel fasteners for surfaces exposed to the exterior; use aluminum or galvanized-steel fasteners for surfaces exposed to the interior.

C. Metal Protection: Where dissimilar metals contact each other or corrosive substrates, protect against galvanic action as recommended in writing by metal panel manufacturer.

D. Joint Sealers: Install gaskets, joint fillers, and sealants where indicated and where required for weathertight performance of metal wall panel assemblies. Provide types of gaskets, fillers, and sealants indicated by metal panel manufacturer; or, if not indicated, provide types recommended by metal wall panel manufacturer.

1. Seal metal wall panel end laps with double beads of tape or sealant, full width of panel. Seal side joints where recommended by metal wall panel manufacturer.
2. Prepare joints and apply sealants to comply with requirements in Division 07 Section "Joint Sealants."

### 3.4 INSULATED METAL WALL PANEL INSTALLATION

A. General: Apply continuous ribbon of sealant to panel joint on concealed side of insulated metal wall panels as vapor seal; apply sealant to panel joint on exposed side of panels for weather seal.

1. Install clips to supports with self-tapping fasteners
2. Apply panels and associated items true to line for neat and weathertight enclosure. Avoid "panel creep" or application not true to line.
3. No exposed fasteners shall be used on the "weather side" of the panel.
4. Locate and space exposed fasteners in uniform vertical and horizontal alignment. Use proper tools to obtain controlled uniform compression for positive seal without rupture of washer.
5. Provide sealant tape at lapped joints of insulated metal wall panels and between panels and protruding equipment, vents, and accessories.
6. Apply a continuous ribbon of sealant tape to panel side laps and elsewhere as needed to make panels weathertight.
7. Apply snap-on battens to exposed-fastener, insulated-core metal wall panel seams to conceal fasteners.

B. Accessory Installation: Install accessories with positive anchorage to building and weathertight mounting, and provide for thermal expansion. Coordinate installation with flashings and other components.

1. Install components required for a complete metal panel system including trim, copings, corners, seam covers, flashings, sealants, gaskets, fillers, closure strips, and similar items. Provide types indicated by metal panel manufacturer; or, if not indicated, provide types recommended by metal panel manufacturer.

- C. Flashing and Trim: Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, and set units true to line and level. Install work with laps, joints, and seams that are permanently watertight.
  - 1. Install exposed flashing and trim that is without buckling and tool marks, and that is true to line and levels indicated, with exposed edges folded back to form hems. Install sheet metal flashing and trim to fit substrates and to achieve waterproof performance.
  - 2. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim. Space movement joints at a maximum of 10 feet with no joints allowed within 24 inches of corner or intersection. Where lapped expansion provisions cannot be used or would not be sufficiently waterproof, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with mastic sealant (concealed within joints).

### 3.5 CLEANING AND PROTECTION

- A. Remove temporary protective coverings and strippable films, if any, as metal panels are installed, unless otherwise indicated in manufacturer's written installation instructions. On completion of metal panel installation, clean finished surfaces as recommended by metal panel manufacturer. Maintain in a clean condition during construction.
- B. After metal panel installation, clear weep holes and drainage channels of obstructions, dirt, and sealant.
- C. Replace metal panels that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 074213.19

## Cranston Street Armory Solicitation #7548384 Questions

### Submitted by E.W. Burman 1/20/14

**Question 1:** Note 003 on AG200 – AG206 indicates “See detail 4/A200” Plans provided do not include an A200. Please advise.

**Answer 1:** Change “4/A200” to “4/AG200”.

**Question 2:** Please provide the species of the wood for the window trim at all windows.

**Answer 2:** Specification Section 064000, 2.2 C. directs that the species of wood shall match the existing and be verified in the field. Preliminary observations indicate that the interior wood trim is Southern Longleaf Yellow Pine. For bidding purposes, the Contractor shall price Southern Longleaf Yellow Pine, which shall be confirmed in the field when a sample of the existing wood can be removed for further examination.

**Question 3:** There is no detail 13/A800, but it is indicated at the C3 window. Please advise.

**Answer 3:** On Window Types A800, at window C3 change head detail from “13/A800” to “11/A800”.

**Question 4:** A4 window type is indicated as “not used” on A800 but it appears in Alternate 1 on A300. Please advise.

**Answer 4:** At Alternate 1 on A300 change window type “A4”, shown as not used on A800 to window type “G”. Window type “G” is shown on A801.

### Submitted by Spino Bros., Inc. 1/24/14:

**Question 1:** Please confirm the project is to be substantially complete by 6/30/14 and construction will start on 3/3/14.

**Answer 1:** It is anticipated that the Construction start date and completion date of the Base Bid work will be as stated in the Specification Section 000300 Bid Form Section 6 “Contract Time”.

**Question 2:** Key note 4.08 states “removal and replacement of steel framing and anchoring” for the terra cotta components. Please provide more information see we can quantify and price accordingly.

**Answer 2:** No additional information is available due to concealed nature of anchoring devices and supports. It is known that terra cotta is attached to the brick back-up by steel brackets and anchors.

**Question 3:** There does not appear to be any elevations for the East Tower similar to A300 and A301 for the West Tower. Please provide.

**Answer 3: The limited scope of work at the East Tower does not require exterior elevations similar to A300, A301 and A302. The scope of work related to the East Tower is demonstrated within the drawings provided in the Contract Documents.**

**Question 4: The keynote 4.01 on dwgs A300 and A301 shown at the top of the graphic states "add'l 20% at misc location at tower elevation" It is unclear where/what the arrows are encompassing. Please advise or quantify.**

**Answer 4: At drawings A301 and A302, keynote 4.01 and the cross-hatch graphics demonstrate a known quantity of 100% repointing work. An additional 20% of repointing is required in the non-cross hatched areas at miscellaneous locations of the upper tower in addition to the 100% areas identified.**

**Question 5: Will a Pre-bid sign in sheet be provided in an addendum?**

**Answer 5: Yes, see attached Pre-bid sign in form from the Department of Administration.**

**Submitted by Contracting Specialists Incorporated 1/27/14:**

**Question 1: What is the warranty period for this project?**

**Answer 1: Two years.**

**Submitted By The RD Preservation Co., Inc. 1/27/14**

**Question 1: Section-020000 Environmental. It would be difficult to obtain pricing for the Guano Removal without having access into the building. As with any abatement plan each project is site specific and we don't know exactly how much clean-up is required. I would recommend that an allowance be included in the bid for the cost of this work.**

**Answer 1: At Specification Section 012100 Allowances Section 3.3 add**

**"D. Allowance No. 3 – Guano Abatement \$100,000**

- 1. This allowance shall be used for work associated with the technical specifications for Pigeon Guano Abatement in Section 003126 and as noted in drawings AG200 thru AG400. Contractors shall carry an allowance of \$100,000 for Guano Abatement in their base bids. The successful bidder shall be required to submit a detailed breakdown of all costs (labor, material, disposal, etc.) associated with this work for review and approval by the Architect and the Owner prior to proceeding with the work.**