



**DANE COUNTY DEPT. OF
PUBLIC WORKS, HIGHWAY &
TRANSPORTATION**

1919 Alliant Energy Center Way
Madison, Wisconsin 53713
Office: 608/266-4018 ♦ Fax: 608/267-1533
Public Works Engineering Division
Public Works Solid Waste Division

ADDENDUM

JULY 8, 2016

ATTENTION ALL REQUEST FOR BID (RFB) HOLDERS

RFB NO. 316027 - ADDENDUM NO. 1

EXTERIOR JOINTS REPLACEMENT

BIDS DUE: THURSDAY, JULY 14, 2016, 2:00 PM. DUE DATE AND
TIME ARE CHANGED BY THIS ADDENDUM.

This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. Please attach this Addendum to the RFB.

PLEASE MAKE THE FOLLOWING CHANGES:

1. Cover Page

Change: “ TUESDAY, JULY 12, 2016 ”, to: “ THURSDAY, JULY 14, 2016 ”.

2. Advertisement for Bids (Legal Notice)

Change: “ TUESDAY, JULY 12, 2016 ”, to: “ THURSDAY, JULY 14, 2016 ”.

3. Table of Contents

After “Figure 1 - Project Location & Site”, insert the following:

“ Figure 2 - Bird Prevention Spike Strips

Plot these drawings on 36” x 48” (ARCH E) paper for correct scale or size.

A4.1 - Northwest Elevation

A4.2 - South Elevation

A4.3 - East Elevation

A4.4 - Hidden Elevations

A4.5 - Precast Panel Elevations ”

4. Section 01 00 00

Page 5 - Item 1.21.A.: After this item, insert the following:

“B. Bird landing prevention spike strips just below roof on west face of facility may be carefully bent to make room for rendering repairs and /or attaching repair equipment. Return to original condition when done. Contractor shall replace any strips broken during the Work.”

Page 6 - Item 1.24.A.: Delete the current paragraph & insert the following:

- “A. Areas of existing facility will be occupied during period when the Work is in progress. Work may be done during normal business hours, Monday through Friday (7:00 a.m. to 7:00 p.m., as City of Madison Noise Ordinance will allow), but confer with Owner, schedule work and store materials so as to interfere as little as possible with normal use of premises. Weekend work may possible, but must be arranged at least one (1) week in advance with Owner. Notify Owner when coring or similar noise making work is to be done and obtain Owner's written approval of schedule. If schedule is not convenient for Owner, reschedule and resubmit new times for Owner approval. Coring of floor along with other noisy work may have to be done on second and third shifts. ”

Page 7 - Item 1.26.A.: After this item, insert the following:

- “B. Facility has no freight elevator & all access to upper floors & roof is via passenger elevator. Extra care shall be taken not to damage finishes during Contractor’s use. ”

5. Section 01 74 19

Page 1 - Item 1.1.B.2.: After this item, insert the following & change current item 3 to item 4:

- “3. Section 03 90 00 - Selective Concrete Restoration ”

6. Section 02 41 19

Page 1 - Item 1.2.A.1.: Before this item, insert the following & change current item 1 to item 2:

- “1. Section 03 90 00 - Selective Concrete Restoration ”

7. Section 03 90 00

Add new Section 03 90 00, issued with this Addendum.

8. Section 07 01 90

Page 4 - Item 3.4.G.: After this item, insert the following:

“ 3.5 CLEANING

- A. All surfaces (concrete and fenestration) shall be cleaned adequately in preparation to render repair materials at commencement of the Work.
- B. Inspect the area of work for presence of dirt, algae, mildew, or other surface contaminants.
- C. Depending on size of area to be cleaned and tenacity of dirt, algae or mildew accumulation, tools used for cleaning will vary.
- D. Hand clean with a soft-medium bristle brush for isolated surface spots.
- E. Pressure wash difficult to remove accumulations.
- F. These surfaces (including glazing) shall be maintained “cleaned” as joint replacement work proceeds, through to completion.
- G. Acceptable cleaning of fenestration (including glazing) is defined as: fenestration (including glazing) shall not be streaked. ”

9. Sheets A4.1, A4.1, A4.3, A4.4 & A4.5

Add new Sheets A4.1, A4.1, A4.3, A4.4 & A4.5, from original Construction Documents set, issued with this Addendum.

Note: two versions of each Sheet are issued since one version may be easier to see on a screen or to print than the other.

If any additional information about this Addendum is needed, please call Scott Carlson at 608/266-4179, carlson.scott@countyofdane.com.

Sincerely,

Scott Carlson, P.E., CEM
Project Manager

Enclosures:

Section 03 90 00

Figure 2

Sheets A4.1, A4.2, A4.3, A4.4, A4.5 (2 renditions of each Sheet)

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SECTION 03 90 00

CONCRETE RESTORATION

PART 1 GENERAL

1.1 WORK INCLUDED

- A. Work outlined in this section shall include everything necessary for and incidental to execution and completion of all work specified herein. General extent of exterior concrete and related work includes concrete cutting, patching, and coating application.

1.2 RELATED SECTIONS

- A. Applicable provisions of Divisions 00 & 01 govern work under this Section.
 - 1. Section 02 41 19 - Selective Structure Demolition
 - 2. Section 07 01 90 - Maintenance of Joint Sealants.

1.3 QUALITY ASSURANCE

- A. There shall be no deviation made from this specification without prior written approval by Owner.
- B. All work shall be performed by skilled laborers who are considered specialists in field of work similar to that required under this contract.
- C. Laborers shall have minimum of five (5) years experience in this type of work.
- D. During workday should weather conditions appear to be changing adversely, foreman shall take preventive measures to allow work area to be closed to watertight condition to avoid exposure to building, equipment, and materials.
- E. Repair any work, damaged by failure to provide proper and adequate protection, to its original state to satisfaction of Owner or remove and replace with new work at Contractor's expense.
- F. Use of air entraining admixtures, chlorides, or nitrates, with or without approval, will be sufficient cause to require removal and replacement of all work containing or treated with same.
- G. It will be Owner's prerogative to forbid use of tools or methods which do not produce quality of work which is expected and to insist on use of methods and tools which will do work properly.

1.4 REFERENCES

- A. American Society for Testing and Materials (ASTM)

B. Federal Specifications

1.5 SUBMITTALS

A. Submit product data for coating type and joint sealants.

B. Total of three (3) copies of each submittal is required.

1.6 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Deliver all materials in their original unopened containers with all markings intact.

1.7 ENVIRONMENTAL REQUIREMENTS

A. Coating shall be performed only when outside air temperature meets or exceeds 40 degrees Fahrenheit, and wall is given proper protection from elements. When epoxy is used, outside air temperature must be 55 degrees Fahrenheit or above.

1.8 GUARANTEES, WARRANTIES, CERTIFICATES

A. Materials and/or workmanship shall be guaranteed against defect for period of five (5) years from date of substantial completion.

PART 2 PRODUCTS

2.1 GENERAL

A. Contractor is responsible for furnishing these materials in amount required for completion of entire project specified herein.

2.2 ACCEPTABLE MANUFACTURERS

A. Provide products by manufacturer specified herein which meet or exceed standards as set forth in this section. No materials specified or approved shall contain asbestos.

B. All materials shall be new unless noted otherwise.

2.3 MATERIALS

A. Water: Potable, fresh, clean, clear, and free from injurious amounts of sewage, oil, acid, alkali, salts, organic matter or other detrimental substances.

B. Color Admixture (If Required for Matching): Non air-entraining pure mineral pigment which is light fast, lime proof, and weatherproof, such as DCS mortar colors by DCS Color and Supply Company of Milwaukee, Wisconsin or approved equal.

C. Backing: Non-staining, resilient closed cell polyethylene foam rod stock, compatible with sealant and primers, such as Ethafoam by Dow Chemical Company of Midland,

Michigan, Expand-O-Foam by Williams Products of Troy, Michigan, HBR by Hercules, Inc. of Middletown, Delaware, or approved equal.

- D. Patch: Portland cement-based, latex modified, such as Verticoat by Euclid Chemical Company, or approved equal.
- E. Epoxy (cracks): Concesive 1360, manufactured by Master Builders, Inc., Polygem #1001-LV, manufactured by Polygem, Inc., Sikadur 52, manufactured by Sika Corporation, or approved equal.
- F. Epoxy (gel): Concesive 1422, manufactured by Master Builders, Inc., Polygem #1004 FS, manufactured by Polygem, Inc., Sikadur 31 Hi Mod Gel, manufactured by Sika Corporation, or approved equal.
- G. Other Materials: All other materials, not specifically described but required for complete and proper installation of work in this section, shall be selected by Contractor subject to approval of Owner.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Applicator shall have sole responsibility for accuracy of all measurements and for estimate of material quantities required and necessary to satisfy requirements of these specifications.

3.2 SEQUENCING / SCHEDULING

- A. Expose only as much work as can be restored to watertight condition each day or before showers commence.

3.3 SUBSTRATE PREPARATION

- A. Exterior surfaces shall be meticulously inspected for cracks or defective joints.
- B. Any joint that is loose, porous, crumbled, cracked, badly weathered (deeper than 1/8" behind surface), unbonded to adjacent masonry units, or potential source of leakage shall be deemed defective.
- C. Included in definition of defective shall be cracked joints which have been caulked.
- D. All cracks, defective or profusely defective mortar joints shall be cut out or ground out full width of joint to minimum depth of 3/4".
- E. Cutting out of joints shall be done with suitable tools, either hand tools or mechanical equipment, in such manner as will not loosen adjacent joints or injure edges or corners.

- F. After joint has been cut out, all loose material shall be removed by brush, air jet, or water stream.

3.4 APPLICATION OF PATCHING MORTAR

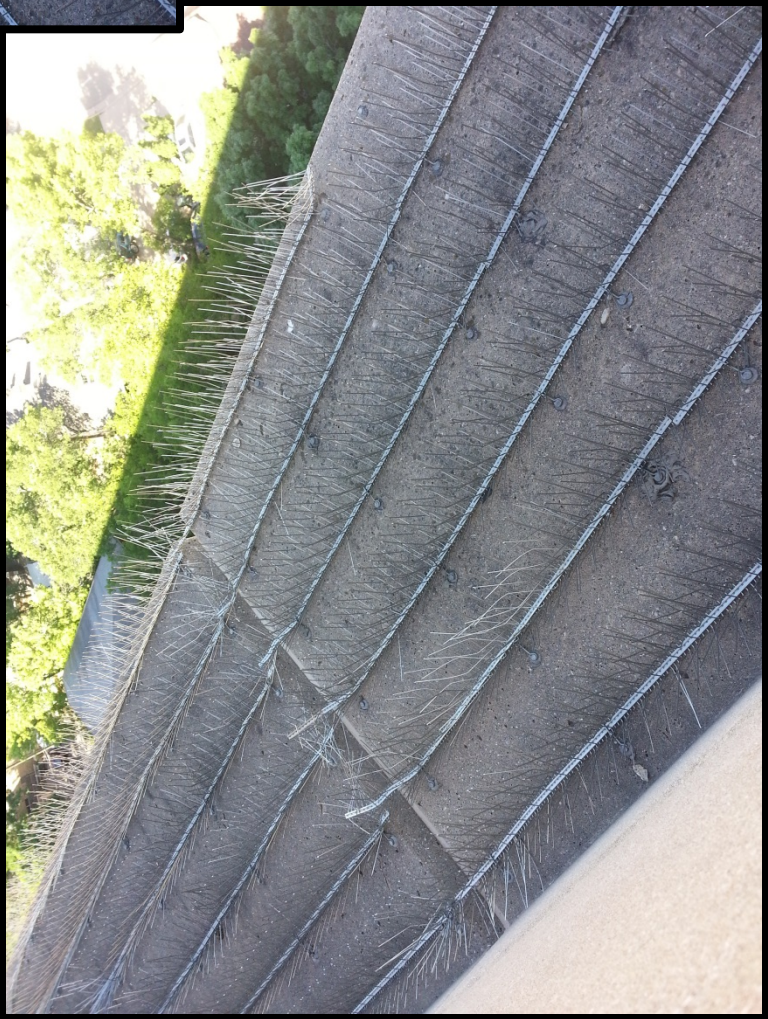
- A. Materials shall be mixed, placed, finished and cured in accordance with manufacturer's recommendations. Consistency of material immediately prior to placing shall be such that it can be placed by trowel without slumping or sagging. Material shall be placed in such manner to insure adequate consolidation in repair area, especially around reinforcing.
- B. Multiple lifts and/or form work may be necessary to ensure sound patches.
- C. Any unsound patches shall be removed and replaced at Contractor's expense.
- D. Where patching mortar is placed against existing concrete surfaces, surface shall be prepared according to manufacturer's recommendations.

3.5 APPLICATION OF INJECTION

- A. In event that unsound concrete is located in zone along crack, and this prevents complete injection of crack, that unsound concrete shall be removed prior to injection.
- B. Where cracks to be injected have sealant, waterproofing material, or other debris in cracks, these cracks shall be cleaned at surface using low-pressure hot water or high-pressure water jet as appropriate. Grind surface of crack if mineral deposits are present that may inhibit injection.
- C. Vertical and bottom surfaces of wall cracks to be injected shall be sealed with gel consistency epoxy prior to injection, and shall contain appropriate injection ports.
- D. Contractor shall notify Architect/Engineer & Owner at start of injection work.
- E. Epoxy injected into cracks or joints shall be highly suited for this usage. Pressure injection system shall be capable of filling cracks as small as .002 in. wide. Injection of epoxy into cracks in wall shall be performed working from bottom to top.

END OF SECTION

Refer to Spec Section
01 00 00, Item 1.21.B
(Addendum No. 1)



Strips may be carefully bent
out of the way as needed &
then returned to their original
condition or replaced if broken

Issued with Addendum No. 1 – 07/08/16



DANE COUNTY PUBLIC WORKS,
HIGHWAY & TRANSPORTATION

PROJECT NO.: 316027
DATE: 07/08/16
DRAWN BY: SC
CKD BY: SC
SCALE: N/A

DANE COUNTY
COURTHOUSE
215 SOUTH HAMILTON ST., MADISON

FIGURE 2
BIRD PREVENTION SPIKE STRIPS

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