



DEBRA J. DOCKERY, ARCHITECT, PC

TRANSMITTAL

November 21, 2011

CITY OF SAN ANTONIO

COSA NORTHEAST SERVICE CENTER FLEET BUILDING 2nd FLOOR-(#40-00223)

ADDENDUM NO. 3: November 21, 2011, 6 pages (not including this cover).

Please sign below to acknowledge receipt of Addendum No. 3 and return a signed copy to this office by facsimile or email. Unless specifically requested no other copy of these addenda will be sent.

Acknowledgment

Signature

Date

Type or Printed Name

Company Name

118 Broadway, Suite #516, San Antonio, Texas
Phone: 210-225-6130 Fax 210-225-7588

www.debradockeryarchitects.com

CITY OF SAN ANTONIO
INSPECTORS & SURVEYOR'S OFFICE PROJECT

PROJECT NAME: **COSA Northeast Service Center Fleet Bluiding 2nd Floor - (#40-00223)**

DATE: November 21, 2011

ADDENDUM NO.: **THREE (3)**

This addendum shall be included in and be considered part of the plans and specifications for the above-referenced project. The Contractor shall be required to sign an acknowledgment of the receipt of this addendum at the time he receives it.

Addendum No. 3 consists of 6 pages (including this page).

Specifications

- | | | |
|----|-------|---------------------|
| 1. | 07200 | Building Insulation |
| 2. | 07900 | Joint Sealers |



END OF ADDENDUM NO.3

SECTION 07200**BUILDING INSULATION****1 PART 1 GENERAL**

2 **SUMMARY:** Follow the requirements of this Section for providing thermal and sound insulation materials where
3 shown or noted on the Drawings.

4 **Scope:** Fiberglass Sound Attenuation Insulation
5 Extruded Polystyrene Rigid Foam Thermal Insulation for Walls

6 **Related Sections:** See the following for related work:

7 Section 09250 - Gypsum Drywall
8 Section 09510 - Acoustical Ceilings

9 **SUBMITTALS:** Submit proprietary literature for all manufactured items specified for use in this Section, to include
10 certificates of compliance.

11 **QUALITY ASSURANCE:** Complete the following qualification assurances before engaging building insulation
12 work.

13 **Fire Performance Characteristics:** Provide insulation materials which have been determined by testing, per
14 methods indicated below, by UL or other testing and inspecting agency acceptable to authorities having
15 jurisdiction.

16 **Prohibition of Asbestos Content:** Provide insulation materials which are free of asbestos materials.

17 PART 2 PRODUCTS

18 **MATERIALS:** Provide the following insulation materials sizes to fit applications shown on Drawings, as selected
19 from manufacturer's standard thicknesses, widths, and lengths.

20 **Glass Fiber Insulation:** Insulation produced by combining glass fibers with thermosetting resins to comply
21 with ASTM E 136 combustion tests.

22 Provide 3-1/2" thick, un-faced sound attenuation batt or blanket insulation in all office and restroom
23 interior partitions and on top of all office and restroom ceilings.

24 Provide products from the following manufacturers:

25
26 Certain Teed Corp
27 Manville - Building Insulation Division
28 Owens/Corning Fiberglass Corporation

29 **Semi-rigid Fiber Glass Insulation for Sound Attenuation at Interior Cavity Wall noted as "Sound Walls":**

30 Owens-Corning #703

31 **Type:** Unfaced glass fiber insulation complying with
32 ASTM C 612, Type 1A and 1B.

33
34 **Size:** R-Value 11.0
35 When tested in accordance with ASTM C 518.

36 Thickness: 3" Width: 24" Length: 48"

37 Surface Burning Characteristics:

38 Unfaced Insulation

39 Maximum flame spread: 25

40 Maximum smoke developed: 50

41 When tested in accordance with ASTM E-84.

42 Noise Reduction Coefficient

43 NRC: Greater than 1.0

44 When tested in accordance with ASTM C 423 on a Type A mounting.

45 Dimensional Stability:

46 Linear shrinkage less than 0.1%

47 Extruded Polystyrene Rigid Foam Thermal Insulation for Walls

48 Board Insulation (Insulation between metal studs at furring of existing exterior walls): Extruded
49 polystyrene insulation shall conform to or exceed ASTM C-578 Type IV, flame spread of 10 or less
50 and smoke developed of 160 per ASTM E84, compressive strength of 25 lbs per square inch minimum,
51 flexural strength of 50 lbs per square inch minimum, water vapor permeance of 1.1 perms maximum,
52 thermal resistance aged R-value of 5.6 per inch at 75 deg F mean temperature. Thickness - 1.5 inches.

53 Styrofoam "Cavitymate Ultra"

54 Owens Corning Foam Insulation LLC "Foamular"

55 **PART 3 EXECUTION**

56 **PREPARATION:** Clean substrates of substances harmful to insulations or vapor retarders, including removal of
57 projections which might puncture vapor retarders.

58 **INSTALLATION:** Extend insulation full thickness over entire area to be insulated.

59 **Trimming:** Cut and fit tightly around obstructions, and fill voids with insulation.

60 **Obstructions:** Remove projections which interfere with placement.

61 **Depth:** Apply only a single layer of insulation of required thickness, unless otherwise shown or noted on the
62 Drawings.

63 **Attachment:** Fasten insulation to substrate by methods complying with manufacturer's recommendations and
64 details shown on the Drawings.

END OF SECTION

SECTION - 07900**JOINT SEALERS****1 PART 1 GENERAL**

2 **SUMMARY:** Follow the requirements of this Section for the work involving general closing of joints with flexible
3 fillers and sealants where shown or noted on the Drawings.

4 **Related Sections:** See the following for related work:

5 Section 06410 - Cabinetry
6 Section 09250 - Gypsum Drywall Systems

7 **SYSTEM DESCRIPTION:** Provide joint sealers that have been produced and installed to establish and maintain
8 watertight and airtight continuous seals.

9 **SUBMITTALS:** Provide product data on all proprietary items selected for the work, to include certificates of
10 compliance to specified requirements.

11 **Verification Samples:** Submit manufacturer's standard bead samples consisting of strips of actual products,
12 and showing full range of colors available for each product exposed to view.

13 **QUALITY ASSURANCE:** Complete the following qualification assurances before engaging glazing work

14 **Installer Qualifications:** Contract with an experienced installer who has completed work similar to the scope
15 of this Project, and whose record of performance can be substantiated for the last 3 years on at least 5
16 projects.

17 **Single Source Responsibility:** Obtain joint sealer materials from a single manufacturer for each different
18 product required.

19 **PROJECT CONDITIONS:** Perform restoration and cleaning work under the following physical and environmental
20 conditions or limitations:

21 **Environmental Conditions:** Delay installation of joint sealers when the following conditions are
22 encountered:

23 Ambient and substrate temperature conditions are outside the limits permitted by joint sealer
24 manufacturers, or below 40 degF.

25 Joint substrates are wet due to rain, frost, condensation, or other causes.

26 **Joint Width Conditions:** Delay installation of joint sealers until joint widths fall within allowable
27 tolerances recommended by the joint sealer manufacturer for the applications shown on the
28 Drawings.

29 **Joint Substrate Conditions:** Postpone installation of joint sealers until contaminants capable of interfering
30 with their adhesion are removed from joint substrates.

31 PART 2 PRODUCTS

32 **MATERIALS:** Provide the following materials for incorporation into the work:

33 **General:** Provide sealers, fillers, and related materials that are compatible with one another and with the
34 joint substrates under the performance conditions shown on the Drawings.

- 35 Provide colors as indicated or, if not otherwise indicated, as selected by the Architect from
36 manufacturer's standard colors.
37
- 38 **Elastomeric Sealants:** Provide chemically curing, elastomeric sealant of base polymer complying with
39 ASTM C 920 requirements.
- 40 **One-Part Mildew-Resistant Silicone Sealant:** Gun-grade, non-sagging Grade NS, Class 25,
41 formulated with fungicide, and intended for sealing interior joints with nonporous substrates
42 exposed to high humidity and temperature extremes.
- 43 **Two-Part Urethane Sealant:** Non-sagging Grade NS, Class 25, for non-traffic use and for general
44 construction joint work.
- 45 **Two-Part Pourable Urethane Sealant:** Self-leveling Grade P, Class 25, for traffic-use areas in
46 horizontal joints.
- 47 **One-Part Fire-Stopping Sealant:** Elastomeric sealant formulated for use as part of a through-penetration
48 fire-stop system for sealing openings around cables, conduit, pipes and similar penetrations in walls and
49 floors, listed by UL or other testing and inspecting agency acceptable to authorities having jurisdiction.
- 50 **Acoustical Sealant for Concealed Joints:** Manufacturer's standard, nondrying, nonhardening, nonskinning,
51 nonstaining, gunnable, synthetic rubber sealant recommended for sealing interior concealed joints to reduce
52 transmission of airborne sound.
53
- 54 **Joint Fillers:** Provide material of a type which is nonstaining and compatible with joint substrates, sealants,
55 primers and other joint fillers.
- 56 **Backer Rod:** Neoprene, butyl, EPDM, or silicone tubing complying with ASTM D 1056,
57 nonabsorbent to water and gas, capable of remaining resilient at temperatures down to -26 degF.
- 58 **Bond-Breaker Tape:** Polyethylene tape or other plastic tape as recommended by sealant
59 manufacturer for isolating sealant from rigid, inflexible joint filler materials.

60 **ACCESSORIES:** Provide the following miscellaneous items for the primary work:

- 61 **Primer:** Provide type recommended by joint sealer manufacturer for adhesion of sealant to joint substrates
62 shown on the Drawings.
- 63 **Cleaners for Nonporous Surfaces:** Provide nonstaining chemical cleaners of type acceptable to
64 manufacturers of sealants and sealant backing materials, and which are not harmful to substrates and
65 adjacent nonporous materials.
- 66 **Masking Tape:** Provide nonstaining, nonabsorbent type compatible with joint sealants and to surfaces
67 adjacent to joints.

68 **PART 3 EXECUTION**

69 **EXAMINATION:** Examine joints indicated to receive sealant work, with the installer present, and check for
70 compliance with requirements for joint configuration, installation tolerances, and other conditions affecting joint
71 sealer performance.

72 **PREPARATION:** Clean joints immediately before installation of joint sealers, in compliance with recommendations
73 of joint sealer manufacturers and the following requirements:

74 **Protection:** Use masking tape to prevent contact of sealant with adjoining surfaces which could be

- 75 disfigured by contact with sealant materials or by cleaning methods required to remove sealant smears.
- 76 Remove tape immediately after tooling fresh sealant, exercising care to avoid disturbing fresh joint
77 work.
- 78 Masonry, Concrete: Clean by brushing, grinding, pressure cleaning, mechanical abrading, or a combination
79 of these methods to produce a clean, sound substrate capable of developing optimum bond with joint
80 sealers.
- 81 Metal, Glass, Other Nonporous Surfaces: Clean with chemical cleaners or other substances which are not
82 harmful to substrates, or which do not leave residues capable of interfering with adhesion of joint sealers.
- 83 Priming: Prime joint substrates where indicated or where recommended by joint sealer manufacturer, or
84 from similar prior experience.
- 85 **INSTALLATION:** Comply with joint sealer manufacturers' printed installation instructions applicable to products
86 and applications indicated.
- 87 Elastomeric Sealant: Comply with the recommendations of ASTM C 962.
- 88 Sealant Backings: Install bond breaker tape between sealants and joint fillers, compression seals, or the
89 backs of joints where adhesion of sealant would result in sealant failure.
- 90 Backer Rods: Install compressible gaskets serving as wall and joint closures where indicated on Drawings,
91 and follow manufacturer's published instructions for inserting gaskets and for depth of penetration.
- 92 Tooling: Tool sealant immediately after application and before skinning or curing occurs, with the purpose
93 of eliminating air pockets and to ensure contact and adhesion of sealant with sides of joint.
- 94 Form smooth, uniform beads.
- 95 Remove excess sealants from surfaces adjacent to joint, without using tooling agents which could
96 discolor sealants, adjacent surfaces, or violate manufacturer's recommendations.
- 97 **CLEANING:** Clean off excess sealants or sealant smears adjacent to joints as the work progresses and before the
98 material cures.
- 99 Repairs: Remove damaged or deteriorated sealers and reseal joints with new materials at no cost to Owner.
- 100 Make sealer repairs indistinguishable from original adjoining work.
- 101 **PROTECTION:** Protect joint sealers during and after curing period from contact with contaminating substances or
from damage associated with adjacent construction operations.

END OF SECTION