



ADDENDUM NO.: 001

DATE OF ADDENDUM: April 11, 2012

**Roof Replacement Hartford Regional Center  
71 Mountain Road  
Newington, Connecticut 06111  
BI – NN-654**

Original Bid Due Date / Time:	April 18, 2012	1:00 PM
Revised Bid Due Date / Time:	No Change	No Change
Previous Addendums:	None	

**TO: Prospective Bid Proposers:**  
This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated August 19, 2011. Prospective Bid Proposers shall acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form. Failure to do may subject Bid Proposers to disqualification.

The following clarifications are applicable to drawings and specifications for the project referenced above.

**Item 1**

In Section 07 52 00, Paragraph 1.03 D and 1.03 E modify the following:

"...SBS modified bituminous membrane (adhered *in hot asphalt*), and SBS modified bituminous granulated cap sheet (adhered *in cold process adhesive*) over properly prepared insulated composite plank roof decks."

**Item 2**

In Section 07 52 00, Paragraph 1.03 G

DELETE: "...and/or included within the Section 01 21 00 Allowances." There are no Allowances on this project.

**Item 3**

In Section 07 52 00, Paragraph 2.02 G

DELETE: "Adhesive for the attachment of membrane shall be hot asphalt..."

SUBSTITUTE: "Adhesive for the attachment of *base ply* membrane shall be hot asphalt..."

**Item 4**

In Section 07 52 00, Paragraph 2.02 H (new)

ADD: "Adhesive for the attachment of cap sheet membrane shall be a blend of special adhesive asphalts and safe, high-flash, quick drying solvents meeting ASTM D 4479, Type II meeting regional VOC regulations. Adhesive product should be approved for use on roof slopes encountered at the HRC Main Building and Dormitories."

**Item 5**

In Section 07 52 00, Paragraph 2.06 B

DELETE: "Asphalt shall be used for adhering insulation to *roof deck* and insulation to insulation applications."

SUBSTITUTE: "Asphalt shall be used for adhering insulation to *base sheet* and insulation to insulation applications."

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**Item 6**

In Section 07 52 00, Paragraphs 3.06 H, 3.06 I, 3.06 L and similar

**DELETE:** Any reference to "*torch applicator*". There are to be no open flame torches utilized on this project.

**Item 7**

**RFI #001:** "Sheet A4.0, North Elevation "A" and South Elevation "B"; are the block-out panels and louvered vents existing conditions or new work to be performed under this bid. If new work please provide manufacturer of louvers and details for louver panel insert and block-out panel."

**Gale Response:** The block-out panels and louvered vents are an existing condition and were provided for information only. However, as windows along these elevations are scheduled for removal and reinstallation in order to install new sill flashing, the louvers and block-out panels would also be impacted by that work.

**Item 8**

**RFI #002:** "Sheet A1.01; are the wall mounted electrical receptacles new or existing? If new please provide manufacture/type of box receptacle required."

**Gale Response:** The electrical boxes shown are existing. Roofing, flashing and wall panel work is to be coordinated around these existing locations.

**Item 9**

**RFI #003:** "Sheet A1.1; Conceptual tapered plan A1.1 "Key" indicates R-values as an average of R20 while the specifications Section 07 51 00; 2.02 A 1+2 indicate a minimum R19. Which is correct? If a minimum R19 is required the minimum insulation thickness at roof drains will be 3" plus not the 2" as shown on detail 6/A8.4."

**Gale Response:** See attached sketch (SK-1) for clarification. The insulation in the sump should be a minimum of two (2) inch thick. Increase tapered insulation to 1/2" per foot at drain sump locations. Sumps should be approximately six (6) feet square. Flat stock insulation at the edge of the sump should be multi-layered and be a minimum of 3.2 inches thick for a minimum R-value of R-19 continuous across the roof deck. Utilize 1/8" tapered insulation starting from the edge of sump and extending outward onto roof. Average R-value should be above and R-20 when the tapered insulation is considered.

**Item 10**

**RFI #004:** "What is the existing roofing material composition? For example; thickness of foam roofing, what is the existing insulation thickness, is there gravel surfacing left in place under the foam roofing or was it swept or vacuumed prior to the foam roof install?"

**Gale Response:** As shown on Sheet A 8.0, existing foam roof covering is approximately 2 to 3 inches thick with increased thickness at base flashing locations. Gravel surfacing was mostly imbedded in existing bituminous roof membrane at test cut locations; however some loose gravel likely exists.

**Item 11**

**RFI #005:** "Do the dorms (Boy's and Girl's) have a single layer of shingles?"

**Gale Response:** Our test cuts indicate that there is only one layer of shingles installed on the Boy's and Girl's Dormitory buildings.

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**Item 12**

RFI #005: Sheet A1.2 and A1.3 Boy's and Girls Dormitory, "Repair Legend: "BT" what is expected with the repair of the bulb tee? Grind, scrape and paint or replacement?"

**Gale Response:** As noted on A1.2 "repair" bulb tee includes preparation and paint. Methods outlined in Section 09 90 00 are to be used for acceptable surface prep prior to painting.

**Item 13**

RFI - Sheet G.001; "Please attach the missing drawing (A8.1) or confirm that it should not be included in the drawing set."

**Gale Response:** There is no Sheet 8.1. It was removed, as part of the project (2 buildings) was deleted from the scope of work. The Table of Contents on Sheet G.001 is correct – no sheet A8.1.

**Item 14**

In Section 07 52 00, Paragraph 3.06 B, 3.06 K

**ADD:** "Fully bond the finish ply to the base ply, utilizing minimum 3 inch side and end laps. Apply each sheet directly behind the cold adhesive applicator. Ensure the adhesive is applied to the selvage edge of the adjoining sheet to be lapped. Heat weld (hot air) all side and end laps of the modified bitumen finish ply during each day's application."

**Item 15**

Material Substitution Section 07 51 00, paragraph 2.01 A and Section 07 52 00, paragraph 2.02 A

**Clarification:** The proposed substitutions for single ply membrane at the HRC Main Building and the multi-ply modified bitumen systems at the HRC Main Building and Dormitory sloped roofs are *rejected*. Contractors shall bid on specified roof membrane materials. See attached Substitution Request forms (2 pages) for additional information.


**Item 16**

Invitation to Bid, Section 00 11 16

**Delete:** The Pre-bid Conference Registration section should be deleted. The pre-bid conference is *encouraged* and registration is not required for encouraged meetings. Contractors not present at the pre-bid conference may still submit a bid for the projec

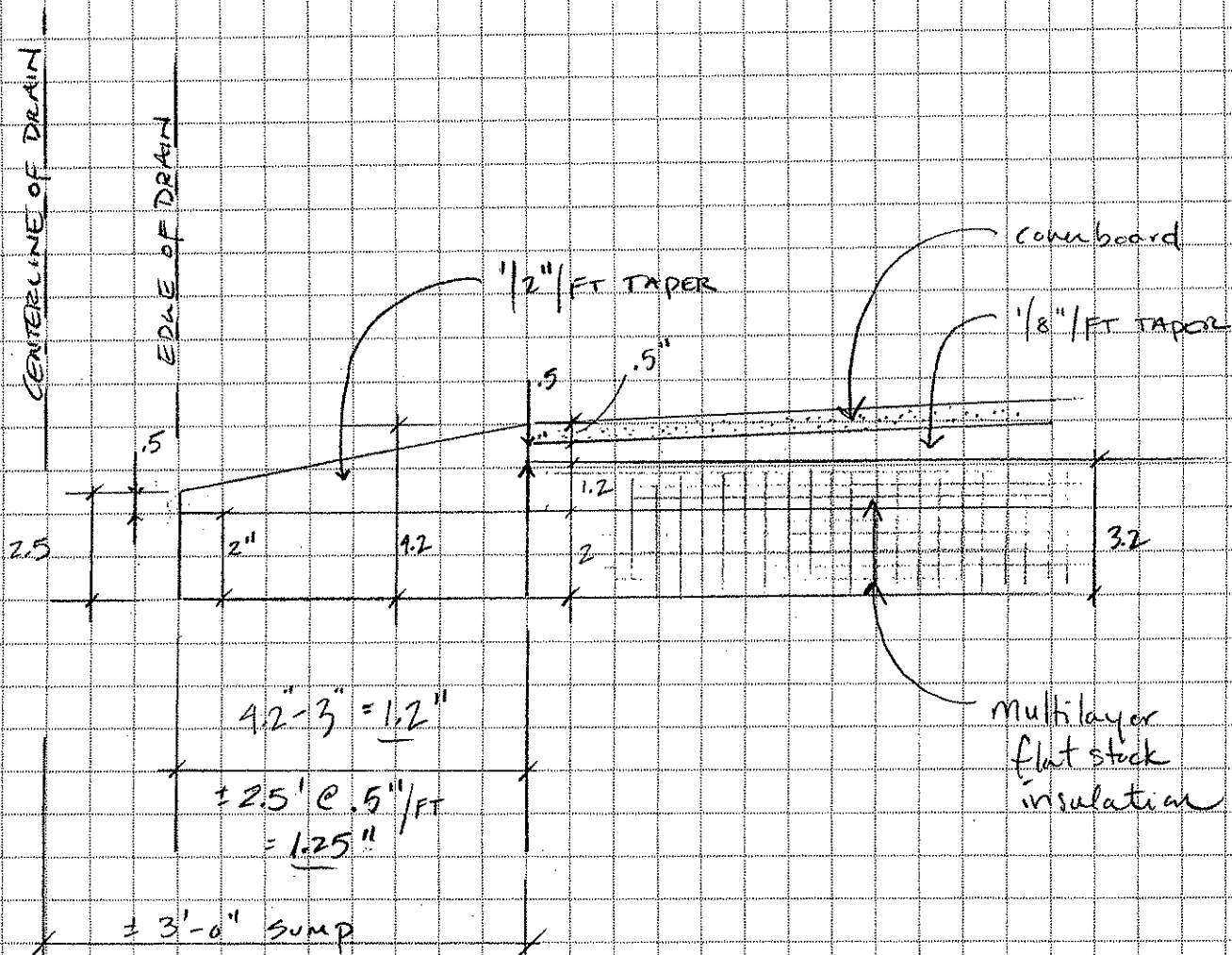
All questions must be in writing (not phone or e-mail) and must be forwarded to the consulting Architect/Engineer (Marc Loranger, P.E., Gale Associates, Inc., (f) 860.430.9072) with copies sent to the CT DCS Project Manager (Barbara Cosgrove, CT Department of Construction Services, (f) 860.713.7264) and Construction Manager (Barbara Cosgrove, CT-DCS, (f) 860.713.7264)

End of Addendum 001



Gail Blythe  
Associate Fiscal Administrative Officer  
Department of Administrative Services  
On Behalf of the Department of Construction Services

Addendum 1 Item # 10 SK-1



**SUBSTITUTION  
REQUEST**  
(During the Bidding/Negotiating Stage)

Project: Roof Replacement The Hartford Regional Center  
71 Mountain Rd, Newington, CT 06111  
Substitution Request Number: 2012-NE-1046  
From: Joe Noernberg  
To: Gale Associates  
163 Libbey Pkwy, Weymouth, MA 02189  
Date: April 9, 2012  
Re: SBS Membrane Roofing Substitution Request  
A/E Project Number: BI-NN-654  
Contract For: State of Connecticut DPW

Specification Title: SBS Modified Bituminous Roofing Description: SBS Roofing Assembly  
Section: 07 52 00 Page: 9 Article/Paragraph: Part 2, 2.02, A.

Proposed Substitution: Membrane/Insulations/Accessories Address: 717 17<sup>th</sup> Street, Denver, CO, 80202  
Manufacturer: Johns Manville Phone: (303) 978-4608  
Trade Name: DynaGlas Model No.: DynaGlas FR

Attached data includes product description, specification sheets, photographs, and performance and test data adequate for evaluation of the request.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal in all respects to specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution does not affect dimensions and functional clearances.

Submitted by: Joe Noernberg

Signed by: *Joe Noernberg*

Firm: Johns Manville

Address: 717 17<sup>th</sup> Street

Denver, CO 80202

Telephone: (303) 978-4608

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.  
 Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.  
 Substitution rejected - Use specified materials.  
 Substitution Request received too late - Use specified materials

Signed by: *M. [Signature]* Date: 4/10/12  
Supporting Data Attached:  Drawings  Product Data  Samples  Tests  Reports

**SUBSTITUTION  
REQUEST**  
(During the Bidding/Negotiating Stage)

Project: Roof Replacement The Hartford Regional Center Substitution Request Number: 2012-NE-1006  
71 Mountain Rd., Newington, CT 06111 From: Joe Noernberg  
To: Gale Associates Inc. Date: April 9, 2012  
163 Libbey, Weymouth, MA 02189-0004 A/E Project Number: BI-NN-654  
Re: PVC Membrane Roofing Specification Contract For: State of Connecticut DPW

Specification Title: Thermoplastic Roofing Description: PVC Roofing Assembly  
Section: 07 51 00 Page: 5 Article/Paragraph: Part 2, 2.01, A.

Proposed Substitution: Membrane/Insulations/Accessories Address: 717 17<sup>th</sup> Street, Denver, CO, 80202  
Manufacturer: Johns Manville Phone: (303) 978-4608  
Trade Name: JM PVC Model No.: SP6A

Attached data includes product description, specification sheets, photographs, and performance and test data adequate for evaluation of the request.

- The Undersigned certifies:
- Proposed substitution has been fully investigated and determined to be equal in all respects to specified product.
  - Same maintenance service and source of replacement parts, as applicable, is available.
  - Proposed substitution does not affect dimensions and functional clearances.

Submitted by: Joe Noernberg  
Signed by: *Joe Noernberg*  
Firm: Johns Manville  
Address: 717 17<sup>th</sup> Street,  
Denver, CO, 80202  
Telephone: (3303) 978-4608

- A/E's REVIEW AND ACTION
- Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
  - Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
  - Substitution rejected - Use specified materials.
  - Substitution Request received too late - Use specified materials

Signed by: *Maureen* Date: 4/10/12  
Supporting Data Attached:  Drawings  Product Data  Samples  Tests  Reports