

Memorandum

subject: Proprietary Item Approval Request
Programmatic Salt Shed Roof
Replacement Materials

date: May 9, 2017

to: Scott A. Hill, P.E.
Engineering Administrator
Bureau of Engineering and Construction

from: James A. Fallon, P.E.
Manager of Facilities and Transit
Bureau of Engineering and
Construction

In accordance with the procedures outlined in the Department's Engineering and Construction Directive on Proprietary Products in Construction Contracts (ECD-2016-1) dated January 14, 2016, this office is recommending and requesting approval to sole source Sarnafil Inc. PVC membrane roofing and Décor Profile, color "Lead Gray," as the standard materials to replace all future state-funded salt sheds roofs. Part 2.3 of CSI Section 075419, "Polyvinyl-Chloride (PVC) Roofing" currently identifies Sarnafil Inc. as a basis-of-design product.

This specification requires the installer to be a qualified installer of the manufacturer's products. To date, there have been four (4) different Sarnafil Inc. contractors [Phil's Main Roofing (was a subcontractor to Connecticut Carpentry), Commercial Roofing, Silktown, and Allied Restoration] that have completed seven (7) projects [seventeen (17) roofs], so the projects are being competitively bid.

Of the seventeen (17) roofs replaced, the first one was "Copper Brown," but the actual appearance on the roof was undesirable to the Department. "Lead Gray" was the next choice and has been selected for all subsequent roof replacements.

The Department has investigated alternative roofing systems manufactured by Johns Manville and by Carlisle Construction Materials. The representative for Johns Manville, Mr. Jeff Hunt, indicated that they cannot offer the required twenty (20) year "edge-to-edge" warranty required due to the steep slope of the salt shed roofs. The PVC Sales Specialist for Carlisle, Mr. Kevin Cooper, indicated in an e-mail that they can "absolutely match a custom color request." However, this has not borne out on Project No. 171-397. If completed in 2017, this Project will be one (1) year late and Carlisle will have replaced four (4) roofs by hiring a Sarnafil Inc. approved installer as a subcontractor.

There are currently two (2) additional projects (Project 173-475 and 174-410) in construction for five (5) roofs. One bidder, the current contractor for Project 171-397, requested the Department to identify an "or approved equal" color by name as opposed to the current language within Part 2.3 of CSI Section 075419, "Polyvinyl-Chloride (PVC) Roofing" that states "Color shall not be limited to manufacturer's standard stock colors." Addendums were prepared for these two (2) projects delaying the bid opening by seven (7) weeks to provide other manufacturers with the opportunity to provide pre-bid submittal packages for acceptance. No submittal packages were received.

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FROM: James A. Fallon, P.E.
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Once Projects 171-397, 173-475, and 174-410 are complete, nineteen (19) salt sheds will remain in the roof replacement program, and this program is anticipated to be completed in 2020.

Design has consulted with the Research Liaison Committee (copy attached) and they have noted that their records do not include a PVC membrane roofing and Décor Profile, color "Lead Gray."

CERTIFICATION

I, James A. Fallon, Manager of Facilities and Transit, of the Connecticut Department of Transportation, do hereby certify that this proprietary item is essential because no equally suitable alternative is available.

Certified by: _____ Date: _____
James A. Fallon
Manager of Facilities and Transit

The use of the proprietary item is hereby approved.

Approved by: _____ Date: _____
Scott A. Hill, P.E.
Engineering Administrator

Attachment

Michael J. Strong/mjs/sk

cc: Mark D. Rolfe
Scott A. Hill
James A. Fallon – Christopher J. Bonsignore
Adam G. Fox – Robert D. Foley
Daniel J. Smachetti – David A. Hartley
Michael J. Strong – Shinel M. Mercado

D:\Users\KaranianSA\Documents\Sandy's Folder\Strong, Mike\Proprietary Item-Salt Shed Roof Replacements.doc

[pw:\ctdot.projectwiseonline.com:CTDOT\Documents\04.00 - Engineering Libraries\Proprietary Product Approvals\Project Specific Approvals\SEDIT#Docu_Proprietary Item_CT_Final_.pdf \(3\)](pw:\ctdot.projectwiseonline.com:CTDOT\Documents\04.00 - Engineering Libraries\Proprietary Product Approvals\Project Specific Approvals\SEDIT#Docu_Proprietary Item_CT_Final_.pdf (3))

Karanian, Sandra A.

From: Mroczkowski, Andrew J
Sent: Friday, May 05, 2017 1:43 PM
To: Strong, Michael J
Cc: Overturf, Bradley J; Fontaine, Leo L
Subject: RE: Proprietary Item "No Equally Suitable Alternative" Request

Mike.....you are correct, I don't have any records and have not had any inquires for this type of roofing product.

This product would be considered a "vertical construction" product, so the RLC would not review it, since the committee focuses primarily on "horizontal construction" road/highway products.

From: Strong, Michael J
Sent: Friday, May 05, 2017 11:48 AM
To: Mroczkowski, Andrew J
Cc: Overturf, Bradley J; Fontaine, Leo L
Subject: Proprietary Item "No Equally Suitable Alternative" Request

Andy,

I am writing a "no equally suitable alternative" proprietary item request letter and I am looking to confirm that the Research Liaison Committee records do not include a PVC membrane roofing and Décor Profile, color "Lead Gray" as the standard materials to replace the salt shed roof. To date, Design has investigated 2 alternatives but neither one was an equal.

Contact me if you have any questions or require additional information.

Thank you for your assistance.

Michael J. Strong, P.E.
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