

State of Rhode Island and Providence Plantations
7/20/11

ADDENDUM NUMBER FOUR

RFQ # 7448822

**TITLE: ARRA-FIRE SPRINKLER UPGRADE-KNIGHT
CAMPUS-CCRI**

Closing Date and Time: 7/28/11 at 1:45 PM

**Per the issuance of this ADDENDUM # 4
(5 pages, including this cover sheet)
The following change(s) are noted:**

SEE ATTACHED

Specification Change /Addition / Clarification

Hughes Associates, Inc.
New England Office
117 Metro Center Boulevard, Suite 1002
Warwick, RI 02886
Tel: 401-736-8992
Fax: 401-736-8929

Addendum #1

To: All Bidders

CC: David Snow – Community College of RI
John O'Hara – Purchasing Agent

From: Mark J. Blackburn, P.E., CFPS

Date: July 19, 2011

Subject: Bid #7448822
CCRI, Knight Campus, Warwick, RI
Automatic Fire Sprinkler System
Addendum #1

Project No. 1MJB00197.000

Bidders,

4

Please allow this memorandum to serve as Addendum #4 for the fire sprinkler system installation at the CCRI Knight Campus located in Warwick, RI

The following are responses to various bidder questions:

Question #1: What are the requirements for the slab of the new pump house? Please furnish the materials, size and thickness of slab

HAI Response: The size, thickness and materials associated with the slab are to be determined by the Contractor in conjunction with Fire Pump House Manufacturer based on the specific size and weight of the pump house structure and existing conditions

Question #2: In the Field House there are rooms that have 1x1 concealed spline ceilings and calling for a recessed pendent head. There are also rooms with the same ceiling that call for upright heads. Can the rooms with recessed heads be changed to upright heads? Reason for asking is that to install recessed heads in a spline ceiling most of the ceiling would need to be removed and get damaged. The other option is consider removing the spline ceiling completely, and installing a new 2x2 ceiling in its place. This would also make future access above the ceiling easier. Please advise.

HAI Response: As part of the bid, the Contractor shall include removing the spline ceiling and installing a new 2' by 2' ACT ceiling. The Contractor shall be responsible for demolition of the spline ceiling, disposal of the spline ceiling, installation of the new ACT ceiling and the installation of the existing light fixtures, HVAC diffusers, fire alarm devices, etc. The new ACT ceiling shall be Armstrong Dune Item 1775 with 9/16" suspension system. See attached product data sheet.

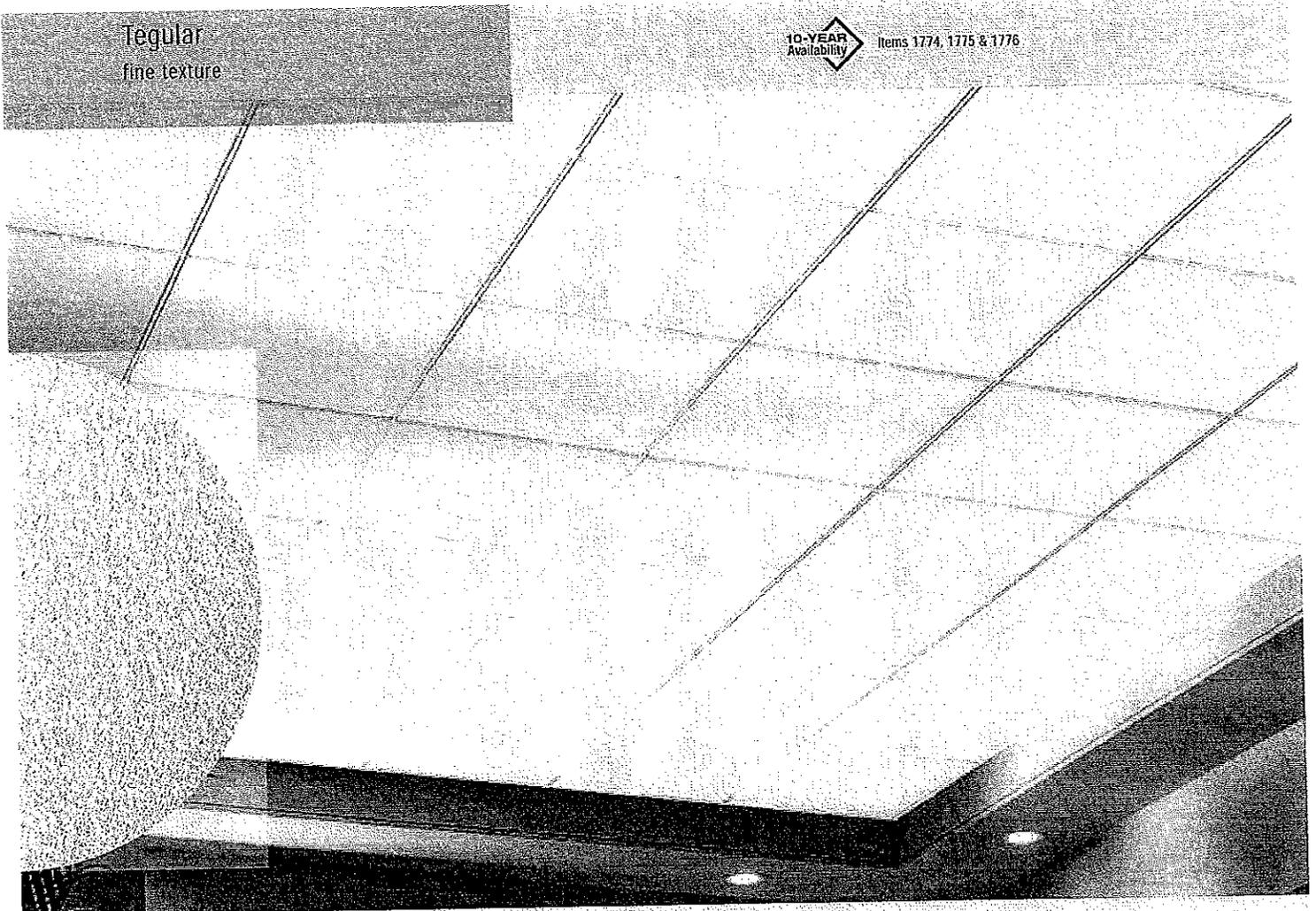
All bidders must acknowledge receipt and compliance with this addendum in their bid.

DUNE™

Tegular
fine texture

10-YEAR
Availability

Items 1774, 1775 & 1776



Dune with Interlude® 9/16" Dimensional Tee grid; Axiom® Classic Trim

Key Selection Attributes

- Upgrade look at a modest price
- 30-Year Limited System Warranty against visible sag, mold/mildew and bacterial growth
- Durable
- Scratch-resistant
- Non-directional visual reduces installation time and scrap

Typical Applications

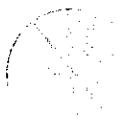
- Offices
- Corridors
- Retail
- Hospitality
- Classrooms

Detail

Color



DUNE



DUNE Tegular with
SUPRAFINE® 9/16"
Exposed Tee grid



DUNE Tegular with
INTERLUDE XL 9/16"
Dimensional Tee grid



DUNE Tegular with
SILHOUETTE® 9/16"
Boh-Slot grid
1/4" Reveal



White (W-1)

DUNE™

Tegular
fine texture

Recycled Content **39-65%** Fire Guard **40%**

LEED Credits

Energy	Waste Mgmt	Recycled Content	Local Materials	Renewable Materials	Daylight & Views	LEED Goals Credits
✓	✓	✓	✓	✓	✓	Acoustics
			Location Dependent			Low Emitting or CHPS

\$\$\$

Visual Selection

Performance Selection

Dots represent highest level of performance

Edge Profile	Item No.	Dimensions	UL Classified	Acoustics NRC CAC	Fire Rating	Light Reflect	Sag Resist	Anti-Microbial	VOC Formaldehyde	Durable	Recycle Program
DUNE Tegular											
9/16" Beveled Tegular	1775	2' x 2' x 5/8"	☐	0.50 35*	Class A	0.83	HumiGuard+	BioBlock+	Low	Scratch	Yes
	1775M	600 x 600 x 15mm			Class A	0.83	•	•	No Added	•	•
	1775NF	2' x 2' x 5/8"		0.50 35*	Class A	•	•	•	•	•	•
15/16" Angled Tegular	1852	2' x 2' x 5/8"	☐	0.50 35	Fire Guard	0.83	•	•	Low	•	•
	1777	2' x 4' x 5/8"	☐	0.50 35	Class A	0.83	•	•	Low	•	•
	1777M	600 x 1200 x 15mm			Class A	•	•	•	•	•	•
15/16" Angled Tegular	1774	2' x 2' x 5/8"	☐	0.50 35	Class A	0.83	•	•	Low	•	•
	1774M	600 x 600 x 15mm			Class A	•	•	•	No Added	•	•
	1774NF	2' x 2' x 5/8"		0.50 35	Class A	0.83	•	•	•	•	•
15/16" Angled Tegular	1853	2' x 2' x 5/8"	☐	0.50 35	Fire Guard	0.83	•	•	Low	•	•
	1776	2' x 4' x 5/8"	☐	0.50 35	Class A	0.83	•	•	Low	•	•
	1776M	600 x 1200 x 15mm			Class A	•	•	•	•	•	•

* 1775-CAC 33 on 9/16" Interlude, Sonata, Suprafine

Suspension Systems

9/16"	Standard: Interlude™, Silhouette™ Bolt-Slot, Sonata™ Suprafine™, Trimlok™ Screw-Slot	Fire Guard™: Suprafine XL Fire Guard
15/16"	Standard: Prelude™	Fire Guard: Prelude XL Fire Guard

Physical Data

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled)
Fire Guard: A fire resistive ceiling when used in applicable UL assemblies

ASTM E1264 Classification
Type III, Form 2 Pattern C E
Fire Class A

Sag Resistance
HumiGuard™ Plus – superior resistance to sagging in high humidity conditions up to, but not including, standing water and outdoor applications.

No-Added/Low Formaldehyde

No-added formaldehyde – free of formaldehyde-based resins. Outperform CHPS Section 01350 requirements (Independent test reports available upon request.)

Low formaldehyde – contributing less than 13.5 ppb in typical conditions per ASHRAE Standard 62, "Ventilation for Acceptable Indoor Air Quality," California Code Title 24 and other building types in CHPS Section 01350

Anti Mold/Mildew & Bacteria
BioBlock™ Plus contains an anti-microbial treatment and provides guaranteed resistance against growth of mold/mildew and Gram-positive and Gram-negative odor/stain-causing bacteria for 30 years

Insulation Value
R Factor – 1.6 (BTU units)
R Factor – 0.28 (Watts units)

Backloading Recommendation

Contact TechLine for specific information

30-Year Performance Guarantee & Warranty Information
See warranty details at armstrong.com/warranty

Weight; Square Feet/ Carton
1774, 1775 – 0.75 lbs/SF; 64 SF/ctn
1776, 1777 – 0.75 lbs/SF; 80 SF/ctn
1852, 1853 – 1.20 lbs/SF; 48 SF/ctn

TechLine™ / 1 877 ARMSTRONG
1 877 276 7876
armstrong.com/ceilings (search: dune)
CS-3556-109

© AWI Licensing Company, 2009 · Printed in the United States of America

