

Project Name Midway Community Centre
Cover Project # 21163
Client Project # N/A
Date August 22, 2023



ADDENDUM NO.6

From:

Architectural Cover Anne-Frederique Paradis annef@coverac.ca 250-551-7364

Recipient:

Owner The Village of Midway Wendy Higashi whigashioffice@gmail.com 250-443-1750

This Addendum shall form part of the Contract Documents and is to be read, interpreted and coordinated with all other parts. The following revisions supersede the information contained in the original specifications and drawings issued for the above-named project.

This Addendum forms part of the Bid Documents and modifies as stated herein:

0.0 General:

Question: Please see attached request for alternate?

Answer: Product has been reviewed and is an acceptable alternate. Ensure that they can be colour patched or painted to match ceiling colour.

Question: Can the ramp railing be steel or does it have to be aluminum?

Answer: The ramp railing will be made of steel and fabricated in line with spec 05 50 00 – Metal Fabrications.

1.0 Specifications:

» Not Used

2.0 Drawings:

» Not Used

Issued by the Consultant

Anne-Frederique Paradis
Name


Signature

2023-08-22
Date

Request for Alternate - RFA



To: General Contractors
Attn: Estimating Team
Re: Midway Community Centre Extension and Upgrades

Date: August 14, 2023
From: Andy (Aman) Sheoran
Pages: 1

Urgent For Review Please Comment Please Reply Please Recycle

Specified Product Name: Acoustic Ceiling Wall or Ceiling Panel

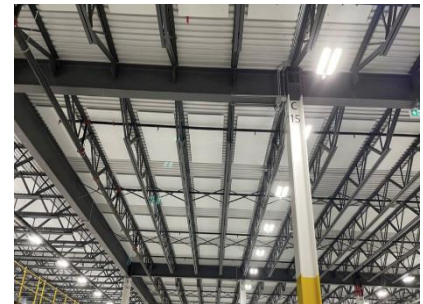
Applicable Section(s): 09 51 13 – Pg. 3,4 & 09 80 00 – Pg. 3, 4, 5

Applicable Drawing(s): A208 – Ceiling Panels

Requested Alternate Name: Echotrol Acoustic Wall or Ceiling Panels

I would like to ask for Western Noise Control’s Echotrol Acoustic Panels to be accepted as an alternate for the specified product noted above. The following are highlights on the effectiveness of these panels:

- ✓ Locally manufactured in Western Canada (LEED-Friendly)
- ✓ Increased acoustical performance to specified product (for 2” thick Echotrol Panels)
- ✓ Flammability: Passes CAN/ULC S102 and meets ASTM E84 class A.
- ✓ Formaldehyde and silica free
- ✓ Quick lead times and priority manufacturing for WNC projects
- ✓ Impact resistant (ideal in gymnasiums and other high impact locations).
- ✓ Highly customizable (custom colours, printing, shapes, etc.)
- ✓ Specialized mounting/furring not required.
- ✓ Use of hidden fasteners.
- ✓ Utilized in hundreds of infrastructure projects across Western Canada (schools, pools, theatres, etc.)

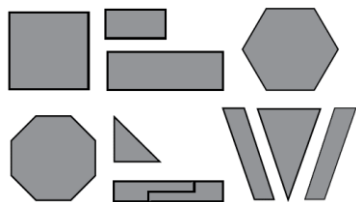


I am available if you have any additional questions regarding this request via either phone or email.

Thank you,

Andy (Aman) Sheoran, E.I.T
 Designer & Production Engineer, Western Noise Control
andy.sheoran@acousticsolutions.com, T: 780-423-2119 E :119

Acoustical Performance of Echotrol Panels								
Sound Absorption Coefficients								
Thickness: Imperial	Thickness: Metric	FREQUENCY IN HERTZ (Hz)						NRC
		125	250	500	1000	2000	4000	
1”	25mm	0.11	0.24	0.73	1.03	1.10	0.87	0.80
2”	51mm	0.29	0.98	1.09	0.96	1.01	0.97	1.0
4”	102mm	0.89	1.08	1.03	1.0	1.0	0.92	1.0



Standard panels include any shape within a 4’x10’ grid



Request for Alternate - RFA



To: General Contractors
Attn: Estimating Team
Re: Midway Community Centre Extension and Upgrades

Date: August 14, 2023
From: Andy (Aman) Sheoran
Pages: 2

Urgent For Review Please Comment Please Reply Please Recycle

Specified Product Name: Tectum Standard Interior Wall Panels

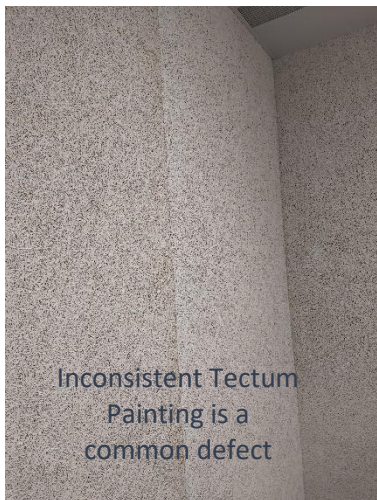
Applicable Section(s): 09 80 00 – Pg. 4

Applicable Drawing(s): -

Requested Alternate Name: Echotrol Acoustic Panels

I would like to ask for Western Noise Control’s Echotrol Acoustic Panels to be accepted as an alternate for the specified product noted above. The following are highlights on the effectiveness of these panels:

- ✓ Locally manufactured in Western Canada (LEED-Friendly)
 - ✓ Increased acoustical performance to specified product
 - ✓ Formaldehyde and silica free (Tectum contains silica, a known carcinogen, which becomes airborne when cut during installation or when cracked from ball/impact hits.)
 - ✓ Flammability: Passes CAN/ULC S102 and meets ASTM E84 class A.
 - ✓ Quick lead times and priority manufacturing for WNC projects
 - ✓ Impact resistant (ideal in gymnasiums and other high impact locations).
- The pictures to the right show a tectum installation in a high impact environment.



- ✓ Highly customizable (custom colours, printing, shapes, etc.)
- ✓ Specialized mounting/furring not required.
- ✓ Use of hidden fasteners rather than screws. (Most tectum installations have countersunk, rather than flush screws – this countersinking compromises the integrity of the board, as per Tectum mounting instructions)
- ✓ Consistent colour due to the use of fabric (excess paint significantly reduces acoustic properties of tectum)
- ✓ Utilized in hundreds of infrastructure projects across Western Canada (*schools, pools, theatres, etc.*)

Please see the comparison chart for a quick reference on the acoustical performance of Echotrol Panels vs. Tectum, and a stand-alone Echotrol Panel performance chart on pg. 2.

I am available if you have any additional questions regarding this request via either phone or email.

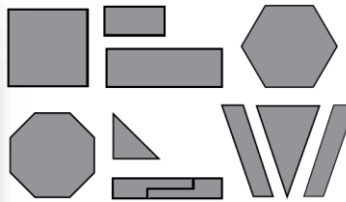
Andy (Aman) Sheoran, E.I.T
Designer & Production Engineer, Western Noise Control
andy.sheoran@acousticsolutions.com, T: 780-423-2119 E :119

Request for Alternate - RFA

NRC Comparison of Echotrol 2" Acoustic Panels and Tectum 1" Panels								
PRODUCT	FREQUENCY IN HERTZ (Hz)						NRC	MOUNTING METHOD
	125	250	500	1000	2000	4000		
Echotrol 2"	0.29	0.98	1.09	0.96	1.01	0.97	1.00	Type A: Direct Mount
Tectum 1"	0.06	0.13	0.24	0.45	0.82	0.64	0.40	Type A: Direct Mount
Tectum 1"	0.16	0.43	1.00	1.05	0.79	0.98	0.80	Type: C-20
Tectum 1"	0.32	0.70	1.09	0.93	0.76	0.94	0.85	Type: C-40

*NRC is the average of 250, 500, 1000 and 2000Hz values and focuses on voice frequencies.
The 125 and 250Hz NRC values are very important for low frequency rooms such as gymnasiums, music rooms and mechanical rooms.*

Acoustical Performance of Echotrol Panels								
Sound Absorption Coefficients								
Thickness: Imperial	Thickness: Metric	FREQUENCY IN HERTZ (Hz)						NRC
		125	250	500	1000	2000	4000	
1"	25mm	0.11	0.24	0.73	1.03	1.10	0.87	0.80
2"	51mm	0.29	0.98	1.09	0.96	1.01	0.97	1.0
4"	102mm	0.89	1.08	1.03	1.0	1.0	0.92	1.0



Standard panels include any shape within a 4'x10' grid

