

*Town of Needham, Massachusetts 02492
Invitation for Bids
Theatrical Rigging Repairs at Newman and NHS
23SCH269B*

Notice to All Prospective Bidders

ADDENDUM #2 RELEASED (May 24, 2023)

The Town would like to make the following changes to the Invitation for Bids for 23SCH269B:

1. **The Town will be holding a 2nd prebid walkthrough on Friday, May 26, 2023 at 3:30pm starting at Needham High School. Advance registration is required. Please contact tgabrielski@needhamma.gov to indicate your interest in attending the walkthrough.**
2. **Please disregard all mentions in the IFB of attendance at the prebid walkthrough being mandatory for a bid to be considered eligible. This is no longer a requirement for bidders. Attendance at a walkthrough is now strongly encouraged but not required to submit a bid.**
3. **The following items have been removed from the scope of work:**
 - a. **Remounting projector to ceiling joists in Newman Auditorium**
 - b. **Remounting ceiling cloud in Newman Auditorium**

Please see the attached revised drawings that reflect these changes.

4. **The revised estimated cost for the project is \$125,000.**
5. **DEDUCT ALT #1 has been split into separate Deduct Alternates for the curtain fire protection treatments at each school. The resulting two Deduct Alternates are represented by Items C and D on the revised Bid Sheet attached to this Addendum. All bidders must submit their bids using the revised Bid Sheet to be considered as a qualifying bid.**

The Town received the following requests for clarification by prospective bidders before the deadline for 23SCH269B:

1. **The contract indicates licensed construction supervisor be on site, are building/electrical permits required to be pulled for this project?**

Yes, a licensed construction supervisor is required, and the Contractor will pull the building permit that is required for the work. Because this is a Town project, the building permit fee is waived. Submission details that include typical connections to the structure will require a structural engineering stamp.

2. **"Peerless 7mm Rigging Chain" is specified in the drawings. This is a chain designed for overhead lifting applications such as chain hoists, not theatrical rigging. Grade 80 chain is actually not recommended for theatrical**

rigging at all, because the batten height can't be trimmed when using it. Can this be switched to Grade 30?

Peerless 7mm Theatrical Rigging Chain is Grade 63 alloy chain specifically for use in theatrical applications as specified. Wenger JR Clancy 7mm AlphaChain or an approved equivalent is also acceptable. Proof coil grade 30 chain is not acceptable and is not an approved equivalent.

3. Grade 8 bolts are specified in drawing notes. Grade 8 is overkill for the applications shown, can these be switched to Grade 5 (typical for stage rigging)?

Yes, Grade 5 minimum is acceptable.

4. Loctite on all threads is specified in drawing notes. This is atypical in theater rigging and completely unnecessary when nylock bolts or lock washers are used. Can this be removed?

Permanent (red) threadlocker is required on structural attachments. Medium strength (blue) threadlocker is required on all non-locking hardware. Threadlocker is not required on nyloc nuts.

5. All hardware is specified as being painted black in drawing notes. The hardware will not be seen from the audience, and the existing track is remaining mill finished. Painting hardware that is not already powder coated by the manufacturer can make adjustments difficult and will flake off over time. More importantly, it makes issues difficult to detect during inspections of the stage. Can this be removed from the spec?

Hardware above the stage ceiling (e.g. Unistrut P5001 in the High School Auditorium) does not need to be painted. For aluminum and galvanized steel (i.e. Unistrut) primer, use Rust-oleum Aluminum Primer 8781402. For steel (i.e. Pipes, Ls) primer, use Rust-oleum V7400 System Fast Recoat Primer Gray V7086402. For topcoats, use Rust-oleum V7400 System 340 VOC DTM Alkyd Enamel Flat Black 245387. For generic painting, touch ups, and field painting, use Rust-oleum V2100 System Enamel Spray Paint Flat Black V2178838. The Contractor is not required to paint the existing tracks or pipes. All paint brands will be Rust-oleum or an approved equivalent by Sherman Williams or Benjamin Moore.

6. For Needham High, is it acceptable for P1001 Unistrut runs to be dropped from the beam and installed below the ceiling to minimize ceiling penetrations?

No, provide Unistrut in the attic as shown on the drawings. Unistrut installed below the structure would interfere with the existing lighting and HVAC systems. Please see splice detail 8/HS-TR3 for direction on how to install Unistrut above the ceiling.

7. Has the fire curtain to be removed been tested for Asbestos?

Yes, the fire curtain was recently tested by a Town contractor and it was found to be asbestos-free. Please see reports attached to this addendum.

The above responses were prepared by or in consultation with:

Tyler Gabrielski, Management Analyst

Hank Haff, Director of Building Design & Construction

The Town reserves the right to reject any and all bids as determined to be in the best interests of the Town and to waive minor informalities.

Bid Form A: Bid Sheet *Revised*
Theatrical Rigging Repairs at Newman and NHS
23SCH269B

Theatrical Rigging Repairs at Newman and NHS – 23SCH269B		
A	Cost of project for Newman Elementary School	\$
B	Cost of project for Needham High School	\$
C	DEDUCT ALT #1 - Fire Protection Treatments for Newman Curtains	\$
D	DEDUCT ALT #2 - Fire Protection Treatments for NHS Curtains	\$
E	Total Cost of project as outlined in "PART 2, SCOPE OF WORK," including DEDUCT ALT #1 and #2 (A+B)	\$
F	Total Cost of project as outlined in "PART 2, SCOPE OF WORK," subtracting DEDUCT ALT #1 (A+B-C)	\$
G	Total Cost of project as outlined in "PART 2, SCOPE OF WORK," subtracting DEDUCT ALT #1 and #2 (A+B-C-D)	\$
General Bid Requirements		
H	Prompt Payment Discount	___%/___ Days

Bidder Acknowledges Addenda #: _____

Company Name: _____ Number of Years in Business: _____

Address: _____

Authorized Signature: _____

Printed Name & Title: _____

This form must be completed and filed with bid submission



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

<http://www.EMSL.com> / bostonlab@emsl.com

EMSL Order: 132303197

Customer ID: UEC63

Customer PO:

Project ID:

Attention: Ammar Dieb
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Phone: (617) 984-9772

Fax: (508) 628-5488

Received Date: 05/23/2023 8:30 AM

Analysis Date: 05/24/2023

Collected Date: 05/19/2023

Project: Needham High School; Needham, MA

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1 132303197-0001	Stage Fire Curtain - Cloth	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
2 132303197-0002	Stage Fire Curtain - Cloth	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected

Analyst(s)

Ava Kopellas (2)

Steve Grise, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-139, VT AL998919, ME LB-0039

Initial report from: 05/24/2023 09:27:20

