

May 31, 2022

WILLIAM RAWN ASSOCIATES, Architects Inc.
 27 School Street
 BOSTON, MA 02108

Project:
BROOKLINE HIGH SCHOOL - 3RD FLOOR RENOVATIONS & QUAD REPAIRS
115 Greenough Street
BROOKLINE, MA 02445

COP 02 - CHANGE ORDER PROPOSAL 02

OBJECT:
 Due to existing damages, we have to provide shoring in the tunnel @ North Gate.
 Also, removal and reinstallation of wood finish flooring @ Locker Room - Basement to accommodate shoring.

Item #	DESCRIPTION	Unit	QTY	\$ / unit	Subtotal	TOTAL
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Quote:

See Lothrop Companies, Inc Proposal - dated 05/26/22
 Erecting, Dismantling, After Hours, Prevailing Wages.
 28 days Rental Included (6/20/22 to 7/17/22
 Rental Period from 7/18/22 to 8/26/22 -

		days	40	\$89.29	\$60,000.00	
					\$3,571.60	
Subtotal					\$63,571.60	
G.C. Fees (10%) - ADD		%	10.00%		\$6,357.16	
					\$69,928.76	
Bond Fee (1.5%) - ADD		%	1.50%		\$1,048.93	
TOTAL					\$70,977.69	\$70,977.69

Labor: ADD

Remove and Reinstall Wood Flooring
 (2) carpenter - 8hrs each @ \$82.52
 Insurance and Tax on Labor (33%)

		hrs	16	\$82.52	\$1,320.32	
		%	33%		\$435.71	
Subtotal					\$1,756.03	
					\$0.00	
Subtotal					\$1,756.03	
G.C. Fees (15%) - ADD		%	15.00%		\$263.40	
					\$2,019.43	
Bond Fee (1.5%) - ADD		%	1.50%		\$30.29	
Subtotal					\$2,049.72	\$2,049.72
TOTAL					\$2,049.72	\$73,027.41

SAY: \$73,027.00

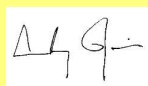
Hill to confirm this % is correct.

TOTAL ADD AMOUNT: Seventy Three Thousand Twenty Seven Dollars

Sincerely,

Alex Galanos - Project Manager
 Lambrian Construction, Corp

William Rawn Associates recommends approval of this proposal by the Town of Brookline



Andy Jonic
 Sr. Associate
 6/1/22

Alex Galanos

From: Patrick, Lothrop Companies <patrick@lothropco.com>
Sent: Thursday, May 26, 2022 2:39 PM
To: Jim Lambrianidis
Cc: Alex Galanos
Subject: Re: 10962-22 Proposal REV-1 for Shoring at Brookline High School
Attachments: Section 007343 - Wage Rate Schedules.pdf; Shoring_Locations_Defined.pdf

Hi Jim,

I revised this proposal to include a labor estimate based on the Wage Rate Schedule you provided.

Per our conversation today, our team will not be able to unload or load equipment prior to 3PM on weekdays. I revised our proposal to include our crew working two (2) 4-hour Saturday shifts prior to/during construction and two (2) 4-hour shifts during/following removal. I also included cost for our crew to work **8-hour shifts running from 9AM to 5:30 PM** daily to ensure expedited delivery of the completed system and so they have time to load and unload after 3PM daily. Please let me know if anything changes regarding loading/unloading requirements and I will be pleased to update our proposal.

Please find revised pricing for the shoring system at Brookline High School below as requested. Revisions are included in blue text below:

a.) Shoring System Scope of Work:

Labor to install and dismantle shoring system to support the basement ceiling below a 28' 6" W X 80' L paved surface. The shoring shall be constructed in one (1) phase and removed in one (1) phase totaling in two (2) mobilizations to complete the construction and removal of the shoring system.

Shoring System described above in Item "a" shall include:

1. Design and Construction of Shoring System;
2. **Estimated labor is subject to prevailing wage and was estimated per the general decision and contract documents dated 1/28/2022 (refer to attached Wage Rates Schedule);**
3. Engineering:
 0. Professional Engineer (PE) Stamped Drawing of Shoring System;
 1. Electronic Drawings of Shoring System;
4. Standard Twenty-Eight Day (28) Day Rental of Shoring System Equipment;
5. Initial Inspection of shoring by a competent person;
6. Crew shall work Ten (10) hour shifts during construction and removal of shoring;
7. Unloading and loading of trucks and trailers to take place after 3PM on week days;
8. Price includes one (1) four (4)- worker crew to work four (4) 4-Hour shifts on Overtime on Saturdays to unload and load equipment;
9. Eleven (11) 3' W X 20' L X 10' H shoring towers to support base plates, lumber pads, and steel beams as required shall support basement ceiling for loading of 80K lbs on paved surface above;
10. Shoring locations can be viewed in the attached marked up plan#20:
 0. Above Grade Paved Tunnel Surface: 28' 6" W X 80' L;
 1. Sub-Grade Basement Room Interior Dimensions: 27' 6" W X 43' L X 10' H;

- 2. Sub-Grade Locker Room Interior Dimensions: 15' W X 29' L X 10' H;
- 3. Sub-Grade Hall Dimensions: 9' 6" W X 24' L;
- 11. Transportation of all shoring equipment to and from job location;
- 12. Construction of shoring system shall be completed within two (2) weeks following commencement of construction;
- 13. Shoring System removal: All Shoring equipment installed by contractor to be removed from premises within reasonable time following customer request.

Removal may be required during weekends and/or school holidays

TOTAL PRICE..... \$60,000.00 LUMP SUM

b.) Additional Daily Rental of Shoring Equipment

Price includes daily rental of all Shoring Equipment listed above in Item a for any days that extend beyond the initial Twenty-Eight Day (28) Day Standard Rental Period.

TOTAL PRICE..... \$89.29 PER DAY (+ Tax)

***EXCLUSIONS:** THE FOLLOWING LIST OF ITEMS ARE NOT INCLUDED IN THE SCOPE OF WORK OUTLINED ABOVE AND SHALL COME AT AN ADDITIONAL COST TO THE CUSTOMER IF REQUESTED:

- 1. Removal of wood floor boards beneath area where shoring is required inside locker room;
- 2. Inspection and determination of requirement for added structural support beneath area where ShoringSystem support legs must be placed to support weight of Shoring System;
- 3. Shoring Construction or Removal activities to take place on weekends or after 5:30 pm on week-days unless otherwise noted above in Item "a";
- 4. Tagging Procedure by a Competent Person;
- 5. Daily Inspections of Shoring System by a Competent Person;
- 6. Administrative Fees to pull permits;
- 7. Night Work Permits;
- 8. Sidewalk Occupancy Permits;
- 9. Street Occupancy (Includes Parking) Permits;
- 10. Charges for parking company vehicle and trailer on site;
- 11. Police detail.

Thank you,

Patrick

Patrick R. Lothrop
 President & CEO
 Lothrop Companies, Inc
 30 Winter Street
 Malden, MA 02148-1426

Cell: (617) 817-0356