



**Of Massachusetts Inc.**  
**"The Construction Testing People"**

UTS of Massachusetts, Inc.  
Steven Crabtree  
5 Richardson Lane  
Stoneham, MA 02180

Independent Testing & Inspections Proposal  
The Belmont Middle School

DECEMBER 9, 2021 CHANGE ORDER TO  
PRICE PROPOSAL

Mr. Sean Sweeney  
CHA Companies, Inc.  
1 Faneuil Hall Marketplace  
South Market Building, Suite 4195  
Boston, MA 02109

REQUEST FOR PROPOSALS - CONSTRUCTION TESTING & INSPECTION  
BELMONT HIGH SCHOOL PROJECT, BELMONT, MA

Name of Testing & Inspections Agency UTS of Massachusetts, Inc.

I. SOILS

A. Mechanical Gradation Analysis (ASTM D-422)	<u>\$110.00</u> / sample
B. Standard Proctor (ASTM D-698)	<u>\$120.00</u> / sample
C. Modified Proctor (ASTM D-1557)	<u>\$110.00</u> / sample
D. Compaction Testing by Nuclear Methods (ASTM D-2922)	<u>\$180.00</u> / half day
	<u>\$320.00</u> / full day
*Daily Troxler usage charge \$25.00/day	
E. Compaction Testing by Sand-Cone Method (ASTM D-1556)	<u>\$170.00</u> / half day
	<u>\$310.00</u> / full day
F. Soils Engineer, (Professional Engineer) with experience in the classification of rock	<u>\$500.00</u> / half day
	<u>\$1,000.00</u> / full day
G. Professional Engineering Time	<u>\$125.00</u> / hour
	<u>\$500.00</u> / half day
	<u>\$1,000.00</u> / full day
H. Sampling at Site	<u>\$50.00</u> / visit
I. Overtime multiplier-Monday through Friday	<u>1.5</u> x reg. rate
Saturday, Sunday, & Holidays	<u>2.0</u> x overtime rate

II. CONCRETE

A. Field monitoring, lump testing, air testing, fabrication of test specimens	<u>\$170.00</u> / half day
	<u>\$310.00</u> / full day
B. Cylinder Compression Testing (ASTM C-39)	<u>\$14.00</u> / specimen
C. Transportation of test specimens to lab	<u>\$50.00</u> / trip
D. Overtime multiplier-Monday through Friday	<u>1.5</u> x reg. rate
Saturday, Sunday, & Holidays	<u>2.0</u> x overtime rate

III. MASONRY

A. Field monitoring, testing and fabrication of test specimens	<u>\$170.00</u> / half day
	<u>\$310.00</u> / full day
B. Mortar Cube Compression Testing	<u>\$14.00</u> / specimen
C. Grout Prism Compression Testing	<u>\$20.00</u> / specimen
D. Overtime multiplier-Monday through Friday	<u>1.5</u> x reg. rate
Saturday, Sunday, & Holidays	<u>2.0</u> x overtime rate
E. Block Prism Compression Testing	<u>\$40.00</u> / specimen

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IV. STRUCTURAL STEEL

A. Visual inspection of welds and bolted connections	<u>\$210.00</u> / half day
Ultrasonic Testing of Full Penetration Welded	
B. Connections	<u>\$235.00</u> / half day
(ASTM E-164)	<u>\$435.00</u> / full day
C. Magnetic Particle Testing of Fillet Welds and Partial	<u>\$235.00</u> / half day
Penetration Welds (ASTM E-709)	<u>\$435.00</u> / full day
D. Overtime multiplier-Monday through Friday	<u>1.5</u> x reg. rate
Saturday, Sunday, & Holidays	<u>2.0</u> x overtime rate

V. FIRE PROOFING

A. Fire Proof Thickness Data (ASTM E-605)	<u>\$170.00</u> / half day
	<u>\$310.00</u> / full day
Fire Proofing Field/ Lab Density and Displacement	
B. Testing (ASTM E-605.8.2 & E-605.8.3)	<u>\$50.00</u> / hour
	<u>\$50.00</u> / hour
Fire Proofing Bond Testing - Cohesion & Adhesion	
C. (ASTM E-736)	* / half day
* Price Included In A.	* / full day
D. Overtime multiplier-Monday through Friday	<u>1.5</u> x reg. rate
Saturday, Sunday, & Holidays	<u>2.0</u> x overtime rate

VI. BITUMINOUS CONCRETE

A. Field monitoring and testing	<u>\$170.00</u> / half day
	<u>\$310.00</u> / full day
B. Extraction analysis	<u>\$75.00</u> / sample
C. Coring services	<u>\$450.00</u> / half day
	<u>\$850.00</u> / full day
D. Overtime multiplier-Monday through Friday	<u>1.5</u> x reg. rate
Saturday, Sunday, & Holidays	<u>2.0</u> x overtime rate

VII. PROFESSIONAL LIABILITY

A. Indicate the dollar amount limit of professional Liability	
Insurance carried by your firm (Min. \$1 million	
required):	<u>\$ Included in Proposal</u>

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VIII. ESTIMATED COST OF TESTING AND INSPECTIONS

\*\* Estimated Cost of all Testing and Inspections \$ 160,000.00

AS NEEDED NOT INCLUDED IN ESTIMATED COST

F-Number Testing (per section)	<u>\$ 700.00 /section</u>
Window Testing (see attachment A)	<u>\$ See Attachment A</u>
Firestopping Inspection	
IFC Certified Inspector (per hour)	<u>\$135.00 / hour</u>

In order for UTS to perform the required inspection and field testing for the on-site firestop systems, UTS needs a complete set of inspection documents, including the listed design for every firestop system that is in use on-site from each trade that is installing firestop, along with an on-site kick off meeting.

\*\*The final cost of testing services will be determined by the actual testing and inspections performed at the unit prices provided in the price proposal.



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UTS JOB# 23487 BUDGET FOR BELMONT MIDDLE & HIGH SCHOOL \$250,000.00

REMAINING BUDGET \$ 32,968.50

UTS JOB# 26321 BUDGET FOR BELMONT MIDDLE SCHOOL \$160,000.00

REMAINING BUDGET FROM UTS JOB# 23487 APPLIED \$ 32,968.50

REVISED BUDGET \$192,968.50