

**ROOFING & SHEET METAL CONTRACTOR**

# M.D.M. ENGINEERING, INC.

51 Sawmill Road, Dudley, MA 01571 - MDMENGINC@Yahoo.com - (Phone)-508-949-1616 - (Fax)-508-949-3176

Date: 12/20/21

Re: Proposed Change Order & Credits - Brookline Municipal Buildings Re-Roof

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**PCO # 1 - Install 2" backer rod between deck and brick gap around perimeter of Municipal Garage Building**

Material - \$2,700.00 + \$270.00 (10% Overhead/ Profit) = **\$2,970.00**

Labor - 2 laborers x 8 hours x \$77.36 = \$1,237.76 + \$371.32 (30 % Workers Comp/Liability) = \$1,609.08 + \$241.36 (15% Overhead/Profit) = **\$1,850.44**

Total = \$2,970.00 + \$1,850.44 = **\$4,820.44**

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**PCO # 2 - Additional Work at Heath School - Edge Repair & Penetration Box Credit**

Material

1. 2x6x10 - 72 pieces x \$12.80 = \$921.60
2. 2x12x10 - 28 pieces x \$28.60 = \$800.80
3. Nails - \$260.00
4. 3" insulation - \$840.00
5. Screws - \$360.00
6. AA Insulation - \$1,340.00
7. 18" tapered edge - \$680.00
8. Adhesive - \$420.00
9. Aluminum Flashing/Fascia - \$6,800.00
10. 60 mil membrane - \$1,680.00
11. Seam Tape - \$760.00
12. Cover Tape - \$820.00

Total = \$15,682.40 + \$1,568.24 (10% Overhead/Profit) = **\$17,250.64**

Labor

4 workers x 8 hours = 32 hours x 4 days = 128 hours x \$77.36/hour = \$9,902.08 + \$2,970.62 (30% Workers Comp/Liability) = \$12,872.70 + \$1,930.90 (15% Overhead/Profit) = **\$14,803.60**

Total = \$17,250.64 + \$14,803.60 = \$32,054.24 - \$9,000.00 Penetration Box Credit = **\$23,054.24**

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**PCO # 3 - Unit Price Credit**

1. Unit Price A Credit - 400 board feet x \$2.00 = \$800.00
2. Unit Price B Credit - 500 square feet x \$2.00 = \$1,000.00
3. Unit Price C Credit - 100 board feet x \$7.00 = \$700.00
4. Unit Price D Credit - 50 board feet x \$7.00 = \$350.00

Total = \$800.00 + \$1,000.00 + \$700.00 + \$350.00 = **Credit of \$2,850.00**

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**GRAND TOTAL = \$4,820.44 (PCO#1) + \$23,054.24 (PCO#2) - \$2,850.00 (PCO #3 Credit) = \$25,024.68**

*OK MDM* ↗

**CHANGE  
ORDER**

OWNER  
ARCHITECT  
CONTRACTOR  
FIELD  
OTHER

PROJECT: Multiple Building Roof Replacement Project  
(name, address) Town of Brookline  
Brookline, Massachusetts

CHANGE ORDER NUMBER: 01

DATE: 01/05/22

TO CONTRACTOR MDM Engineering, Inc.  
(name, address) 51 Sawmill Road  
Dudley, Massachusetts 01571

ARCHITECT'S PROJECT NO: 2020030

CONTRACT DATE:

CONTRACT FOR: Roof Replacement

The Contract is changed as follows:

- |  |              |
|--|--------------|
| 1. Credit For Random Removal And Replacement Of Deteriorated Wood Blocking Not Used. (400 BF - 0 SF = 400 SF x \$2.00/SF = \$800.00)   | (\$800.00)   |
| 2. Credit For Random Removal And Replacement Of Deteriorated Wood Decking Not Used. (500 SF - 0 SF = 500 SF x \$2.00/SF = \$1,000.00)  | (\$1,000.00) |
| 3. Credit For Random Removal And Replacement of Deteriorated Wood Fascia Not Used Decking Not Used. (100 BF - 0 BF = 100 BF x \$7.00/BF = \$700.00)  | (\$700.00)   |
| 4. Credit For Random Removal And Replacement Of Existing Deteriorated Wood Clap Board Not Used. (50 BF - 0 BF = 50 BF x \$7.00/BF = \$350.00)  | (\$350.00)   |
| 5. Add For The Random Installation Of 2" Diameter Backer Rod In The Gap Between The Steel Deck Located At The Perimeter Of The Municipal Services Garage. Reference MDM Engineerings PCO #1 Dated December 20, 2021 For Additional Information.                  | \$4,850.44   |
| 6. Add For The Reconfiguration Of The Existing Metal At Heath Elementary School Not In Contract. A Credit Was Provided For The Pipe Enclosure Boxes That Were Not Replaced. Reference MDM Engineerings PCO #2 Dated December 20, 2021 For Additional Information | \$23,054.24  |

**TOTAL NET ADD CHANGE ORDER AMOUNT DUE MDM ENGINEERING, INC. = \$25,054.68**

Not valid until signed by the Owner, Architect and Contractor

The original Contract Sum was	\$ 1,775,000.00
Net change by previously authorized Change Orders	\$ 0.00
The Contract Sum prior to this Change Order was	\$ 1,775,000.00
The Contract Sum will be increased by the Change Order in the amount of	\$ 25,054.68
The new Contract Sum including this Change Order will be	\$ 1,800,054.68
The Contract Time remains unchanged	
The date of Substantial Completion as of the date of this Change Order therefore is	

ARCHITECT Russo Barr Associates, Inc.	CONTRACTOR MDM Engineering, Inc.	OWNER Town of Brookline
ADDRESS 55 Sixth Road, Suite 6 Woburn, MA 01801	ADDRESS 51 Sawmill Road Dudley, MA 01571	ADDRESS Brookline Town Hall 333 Washington Street Brookline, MA 02445
BY <i>Richard A. Marham</i>	BY <i>Theresa J. ...</i>	BY _____
DATE 1-5-21	DATE 1/5/22	DATE _____

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