

# GREEN MOUNTAIN ENGINEERING, INC.

*P.O. Box 159  
1438 South Brownell Road  
Williston, VT 05495  
(802) 862-5590 (Fax) 862-7598*

April 1, 2021

Ms. Kathleen Ramsay, Town Manager  
Town of Middlebury  
77 Main Street  
Middlebury, VT 05753

**RE: Cady Road Culvert No. 1 Replacement Project  
GME Project #29-017**

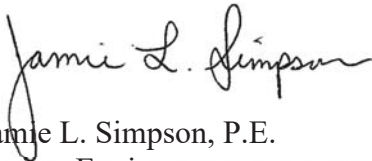
Dear Ms. Ramsay and the Town of Middlebury,

Bids for the above-mentioned project were received, opened and read aloud on April 1<sup>st</sup>, 2021 at the Middlebury Public Works Building located at 1020 Route 7 South. In accordance with our "Bid Analysis" dated April 1<sup>st</sup>, 2021 (copy attached) we hereby make the recommendation to award the Cady Road Culvert No. 1 Replacement Project to Champlain Construction Company, Inc. in the amount of \$92,822.05.

As mentioned, please find attached our Bid Analysis, an excerpt from the U.S. Treasury Department's Circular 570 confirming the Surety Company listing and the bid tabulation outlining the anticipated construction costs for this Contract. Champlain Construction Company, Inc. is the low-bidder; with a total bid price of \$92,822.05.

Green Mountain Engineering, Inc., recommends that the Town of Middlebury award this contract to Champlain Construction Company, Inc., in the amount of \$92,822.05. Upon concurrence from the Town, a contract signing and pre-construction conference will be scheduled with the contractor. Based on a brief conversation, the contractor intends to commence construction on or near July 6<sup>th</sup>, 2021.

Respectfully,  
**GREEN MOUNTAIN ENGINEERING, INC.**



Jamie L. Simpson, P.E.  
Project Engineer

enc.

cc: Mr. Dan Werner, Public Works Planning Director  
Mr. Jim Danyow, Champlain Construction Company, Inc.

# GREEN MOUNTAIN ENGINEERING, INC.

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P.O. Box 159  
Williston, VT 05495  
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## BID ANALYSIS AND RECOMMENDATION TO AWARD

**Champlain Construction Company, Inc.**  
**Low Bidder – Town of Middlebury – Cady Road Culvert No. 1 Replacement Project**  
**Town of Middlebury, Vermont**

**Bid Opening Date: April 1, 2021**  
**BID AMOUNT: \$92,822.05**

1. OFFICERS
  - Jim Danyow, President
  - Larry Danyow, Vice President
2. PROJECT MANAGER and SUPERINTENDENT
  - Niall Buxton, Project Manager/ Superintendent
3. QUALIFICATIONS AND EXPERIENCE
  - A. Has a good history of site and utility work.
  - B. Champlain Construction has worked with GME and the Town of Middlebury in the past on several projects similar to the scope and scale of the project referenced above and both parties believe that the company is reputable.
  - C. Champlain Construction. has been in business over 60 years. Mr. Buxton has 25+ years of experience in the field of Construction.
  - D. The number of employees vary between six (6) and twelve (12) employees, depending on project needs.
4. OWNED EQUIPMENT TO BE UTILIZED
  - Contractor appears to have sufficient owned equipment or the ability to rent/subcontract all equipment required to complete the project, based on the list of equipment provided.
5. BID BOND
  - A. Aegis Security Insurance Company (Surety Company), 2407 Park Drive, Harrisburg, Pennsylvania 17105
  - B. Listed the U.S. Treasury Circular 570 (see attached)
  - C. Will be providing Payment and Performance Bonds through Aegis Security Insurance Company via Peerless Insurance, Bristol, VT, agent Adam Osha.
6. PAYMENT AND PERFORMANCE BONDS
  - A. Aegis Security Insurance Company (Surety Company) through Peerless Insurance
    1. Treasury Company listed on Treasury Circular #570.
    2. Mr. Osha had remarks such as “an excellent customer”.
7. FINANCIAL DATA
  - A. People’s United Bank, Contact Person – David Nurse, 114 South Village Green, Middlebury, VT 05753
    1. No financial data was available at this time.

**Bid Analysis and Recommendation to Award**  
**Town of Middlebury – Cady Road Culvert No. 1 Replacement Project**  
**Champlain Construction Company, Inc.**  
**April 01, 2021**  
**Page 2 of 2**

8. COMMENTS OF GREEN MOUNTAIN ENGINEERING, INC.
  - A. Experienced in this type of work.
  - B. Payment and Performance Bond Company acceptable and listed on the Treasury Circular 570.
  - C. Green Mountain Engineering, Inc. has had prior experience with Champlain Construction. Our experience has been excellent regarding projects of this sort. The owner is knowledgeable and has a good deal of experience with municipal construction contracts.
  - D. Bid informalities: None.
  
9. RECOMMENDATIONS OF GREEN MOUNTAIN ENGINEERING INC.
  - A. Award the Cady Road Culvert No. 1 Replacement Project to Champlain Construction Company, Inc. as there was no apparent reason found for denial.
  - B. Close attention to paperwork, work quality, and maintaining adequate retainage will be important to ensure the work is completed correctly and on time.
  - C. A project meeting should be scheduled after the first week of construction to help keep the project on schedule and resolve any questions or problems as early as possible. Maintenance of good communications is essential to a smooth project.
  - D. Coordination with the Town of Middlebury may be required to ensure relocation of the existing cast iron water main (if required) to minimize the duration and number of service interruptions.
  - E. It should be understood that closures of Cady Road shall be limited to a period between the beginning and end of July. Exact dates shall be determined by the Town of Middlebury based on the frequency and adverse schedule impacts created due to unforeseen circumstances.
  - F. Contractors' **SUPERINTENDENT MUST BE ONSITE AT ALL TIMES DURING CONSTRUCTION**. An ancillary person, with the superintendent's equivalent authority, must be available to fill in as needed.
  - G. Paperwork to be reviewed daily, including testing, pay items, daily reports, scheduling, etc.
  - H. A standard of acceptable work (including daily clean-up) must be established at the start of the project and maintained throughout.
  - I. The prime contractor is responsible for project scheduling, job control and safety, sub-contractor coordination, sub-contractor performance, public safety, etc. The prime contractor is also responsible for the quality of all work, unless such work has been identified as the responsibility of others.
  - J. Any additional equipment needed for the complete construction of the system should be acquired or rented as needed.

**Bid Tabulation - Middlebury Project #29-017 Cady Road Culvert No. 1 Replacement Project**

**Bid Date: 4/01/2021**

DESCRIPTION			ENGINEER COST OPINION		R.A. Filskov & Sons		Champlain Construction, Inc.		Blue Mtn. Trucking & Excavating	
	UNIT	QTY.	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
A-1 Install 72'L x 6'-9"H x 10'-3"W ALSPPA	l.s.	1	\$47,000.00	\$47,000.00	\$30,500.00	\$30,500.00	\$36,111.75	\$36,111.75	\$66,000.00	\$66,000.00
A-2 Demolition, Removal & Disposal of Existing Galv.CMP Culvert	l.s.	1	\$1,000.00	\$1,000.00	\$2,800.00	\$2,800.00	\$1,650.00	\$1,650.00	\$24,850.00	\$24,850.00
A-3 Mobilization/Demobilization	l.s.	1	\$2,000.00	\$2,000.00	\$4,600.00	\$4,600.00	\$500.00	\$500.00	\$38,000.00	\$38,000.00
C-1 Rock Excavation	c.y.	1	\$350.00	\$350.00	\$300.00	\$300.00	\$125.00	\$125.00	\$200.00	\$200.00
C-2 Excavation & Rep. of Unsuitable Material- Granular Structural Backfill	c.y.	200	\$33.50	\$6,700.00	\$35.00	\$7,000.00	\$30.90	\$6,180.00	\$70.00	\$14,000.00
C-3 Remove & Replace Road Subbase	c.y.	67	\$35.00	\$2,345.00	\$40.00	\$2,680.00	\$37.69	\$2,525.23	\$60.00	\$4,020.00
C-4 Miscellaneous Extra Excavation	c.y.	20	\$42.00	\$840.00	\$42.00	\$840.00	\$75.00	\$1,500.00	\$50.00	\$1,000.00
C-5 Boulder Excavation	c.y.	1	\$185.00	\$185.00	\$185.00	\$185.00	\$125.00	\$125.00	\$50.00	\$50.00
C-6 Stream Bed Material-Stone Fill	c.y.	20	\$75.00	\$1,500.00	\$65.00	\$1,300.00	\$55.50	\$1,110.00	\$75.00	\$1,500.00
C-7 Culvert Lining Material-Stone Fill	c.y.	45	\$110.00	\$4,950.00	\$110.00	\$4,950.00	\$116.89	\$5,260.05	\$95.00	\$4,275.00
C-8 Topsoil Material	c.y.	35	\$75.00	\$2,625.00	\$60.00	\$2,100.00	\$50.00	\$1,750.00	\$60.00	\$2,100.00
D-1 Bituminous Concrete Pavement (Roadways)	s.y.	134	\$50.00	\$6,700.00	\$57.00	\$7,638.00	\$58.58	\$7,849.72	\$133.00	\$17,822.00
D-2 Bituminous Concrete Pavement (Driveways/Apron)	s.y.	0	\$50.00	\$0.00	\$42.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
D-3 Geotextile Reinforcing Fabric (GeoGrid)	s.y.	216	\$4.50	\$972.00	\$6.50	\$1,404.00	\$6.30	\$1,360.80	\$10.00	\$2,160.00
E-1 12-inch Waterline Relocation	l.f.	45	\$200.00	\$9,000.00	\$225.00	\$10,125.00	\$175.10	\$7,879.50	\$260.00	\$11,700.00
F-1 Cofferdams & Stream By-pass	l.s.	1	\$12,000.00	\$12,000.00	\$8,500.00	\$8,500.00	\$5,225.00	\$5,225.00	\$20,000.00	\$20,000.00
F-2 EPSC (Matting, Silt Fence, Stone Channel, Construction Entrance, etc.)	l.s.	1	\$2,200.00	\$2,200.00	\$3,500.00	\$3,500.00	\$2,000.00	\$2,000.00	\$12,000.00	\$12,000.00
G-1 Class "B" Concrete	c.y.	2	\$375.00	\$750.00	\$300.00	\$600.00	\$200.00	\$400.00	\$500.00	\$1,000.00
G-2 Rigid Trench Insulation	s.f.	160	\$3.00	\$480.00	\$4.00	\$640.00	\$2.50	\$400.00	\$5.00	\$800.00
G-3 Calcium Chloride for Dust Control	Ton	0.3	\$2,000.00	\$600.00	\$750.00	\$225.00	\$1,000.00	\$300.00	\$800.00	\$240.00
G-4 Traffic Control Flaggers	Hrs.	8	\$50.00	\$400.00	\$40.00	\$320.00	\$50.00	\$400.00	\$75.00	\$600.00
G-5 Clearing & Grubbing (Tree Removal, Stumping)	l.s.	1	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$500.00	\$500.00	\$4,300.00	\$4,300.00
H-1 Bonds	l.s.	1	\$2,294.94	\$2,294.94	\$2,482.00	\$2,482.00	\$1,395.00	\$1,395.00	\$7,500.00	\$7,500.00
H-2 Site Preparation and Miscellaneous Work	l.s.	1	\$8,499.76	\$8,499.76	\$3,500.00	\$3,500.00	\$8,275.00	\$8,275.00	\$6,000.00	\$6,000.00
<b>TOTAL</b>				<b>\$115,391.70</b>		<b>\$96,689.00</b>		<b>\$92,822.05</b>		<b>\$240,117.00</b>

**10% CONTINGENCY: \$11,539.17**

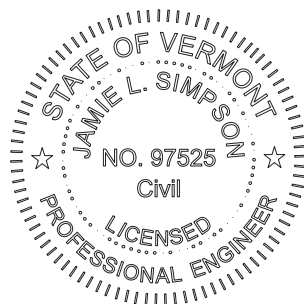
**OK**

**OK**

**OK**

**TOTAL CONSTRUCTION: \$126,930.86**

I certify, to the best of my knowledge, the information tabulated above accurately reflects bids received and accepted by the Town of Middlebury, Vermont on April 1st, 2021 at 10:00am.



*Jamie L. Simpson*  
 \_\_\_\_\_  
 Jamie L. Simpson, P.E.

**Bid Tabulation - Middlebury Project #29-017 Cady Road Culvert No. 1 Replacement Project**

**Bid Date: 4/01/2021**

DESCRIPTION			ENGINEER COST OPINION		Desroches Construction Services		DeBisschop Excavating, Inc.	
	UNIT	QTY.	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
A-1 Install 72'L x 6'-9"H x 10'-3"W ALSPPA	l.s.	1	\$47,000.00	\$47,000.00	\$62,300.00	\$62,300.00	\$62,625.00	\$62,625.00
A-2 Demolition, Removal & Disposal of Existing Galv.CMP Culvert	l.s.	1	\$1,000.00	\$1,000.00	\$21,000.00	\$21,000.00	\$500.00	\$500.00
A-3 Mobilization/Demobilization	l.s.	1	\$2,000.00	\$2,000.00	\$13,000.00	\$13,000.00	\$1,700.00	\$1,700.00
C-1 Rock Excavation	c.y.	1	\$350.00	\$350.00	\$600.00	\$600.00	\$350.00	\$350.00
C-2 Excavation & Rep. of Unsuitable Material- Granular Structural Backfill	c.y.	200	\$33.50	\$6,700.00	\$64.00	\$12,800.00	\$33.50	\$6,700.00
C-3 Remove & Replace Road Subbase	c.y.	67	\$35.00	\$2,345.00	\$64.00	\$4,288.00	\$35.00	\$2,345.00
C-4 Miscellaneous Extra Excavation	c.y.	20	\$42.00	\$840.00	\$75.00	\$1,500.00	\$42.00	\$840.00
C-5 Boulder Excavation	c.y.	1	\$185.00	\$185.00	\$300.00	\$300.00	\$185.00	\$185.00
C-6 Stream Bed Material-Stone Fill	c.y.	20	\$75.00	\$1,500.00	\$63.00	\$1,260.00	\$75.00	\$1,500.00
C-7 Culvert Lining Material-Stone Fill	c.y.	45	\$110.00	\$4,950.00	\$127.00	\$5,715.00	\$110.00	\$4,950.00
C-8 Topsoil Material	c.y.	35	\$75.00	\$2,625.00	\$63.00	\$2,205.00	\$75.00	\$2,625.00
D-1 Bituminous Concrete Pavement (Roadways)	s.y.	134	\$50.00	\$6,700.00	\$72.00	\$9,648.00	\$51.00	\$6,834.00
D-2 Bituminous Concrete Pavement (Driveways/Apron)	s.y.	0	\$50.00	\$0.00	\$72.00	\$0.00	\$51.00	\$0.00
D-3 Geotextile Reinforcing Fabric (GeoGrid)	s.y.	216	\$4.50	\$972.00	\$9.00	\$1,944.00	\$4.00	\$864.00
E-1 12-inch Waterline Relocation	l.f.	45	\$200.00	\$9,000.00	\$320.00	\$14,400.00	\$185.00	\$8,325.00
F-1 Cofferdams & Stream By-pass	l.s.	1	\$12,000.00	\$12,000.00	\$18,000.00	\$18,000.00	\$4,850.00	\$4,850.00
F-2 EPSC (Matting, Silt Fence, Stone Channel, Construction Entrance, etc.)	l.s.	1	\$2,200.00	\$2,200.00	\$5,500.00	\$5,500.00	\$2,075.00	\$2,075.00
G-1 Class "B" Concrete	c.y.	2	\$375.00	\$750.00	\$600.00	\$1,200.00	\$375.00	\$750.00
G-2 Rigid Trench Insulation	s.f.	160	\$3.00	\$480.00	\$4.00	\$640.00	\$2.00	\$320.00
G-3 Calcium Chloride for Dust Control	Ton	0.3	\$2,000.00	\$600.00	\$850.00	\$255.00	\$2,000.00	\$600.00
G-4 Traffic Control Flaggers	Hrs.	8	\$50.00	\$400.00	\$53.00	\$424.00	\$45.00	\$360.00
G-5 Clearing & Grubbing (Tree Removal, Stumping)	l.s.	1	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	\$250.00	\$250.00
H-1 Bonds	l.s.	1	\$2,294.94	\$2,294.94	\$3,150.00	\$3,150.00	\$3,325.00	\$3,325.00
H-2 Site Preparation and Miscellaneous Work	l.s.	1	\$8,499.76	\$8,499.76	\$4,500.00	\$4,500.00	\$3,500.00	\$3,500.00
<b>TOTAL</b>				<b>\$115,391.70</b>		<b>\$188,629.00</b>		<b>\$116,373.00</b>

**10% CONTINGENCY:**

**\$11,539.17**

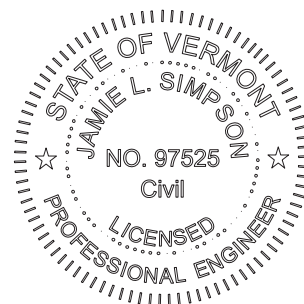
**OK**

**OK**

**TOTAL CONSTRUCTION:**

**\$126,930.86**

I certify, to the best of my knowledge, the information tabulated above accurately reflects bids received and accepted by the Town of Middlebury, Vermont on April 1st, 2021 at 10:00am.



*Jamie L. Simpson*  
 Jamie L. Simpson, P.E.

**Aegis Security Insurance Company (NAIC #33898)**

BUSINESS ADDRESS: P.O. Box 3153, Harrisburg, PA 17105. PHONE: (717) 657-9671. UNDERWRITING LIMITATION b/: \$6,554,000. SURETY LICENSES c,f/: AL, AK, AZ, AR, CA, CO, CT, DE, DC, FL, GA, HI, ID, IL, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, WY. INCORPORATED IN: Pennsylvania.

**ALL AMERICA INSURANCE COMPANY (NAIC #20222)**

BUSINESS ADDRESS: P.O. BOX 351, VAN WERT, OH 45891 - 0351. PHONE: (419) 238-1010. UNDERWRITING LIMITATION b/: \$16,305,000. SURETY LICENSES c,f/: AZ, AR, CA, CO, CT, GA, ID, IL, IN, IA, KY, ME, MD, MA, MI, MN, MS, MT, NV, NH, NJ, NM, NY, NC, OH, OK, OR, PA, SC, TN, TX, UT, VT, VA, WA, WI. INCORPORATED IN: Ohio.

**Allegheny Casualty Company (NAIC #13285)**

BUSINESS ADDRESS: One Newark Center, 20th Floor, Newark, NJ 07102. PHONE: (800) 333-4167. UNDERWRITING LIMITATION b/: \$2,578,000. SURETY LICENSES c,f/: AL, AK, AZ, AR, CA, CO, CT, DE, DC, FL, GA, HI, ID, IL, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, WY. INCORPORATED IN: New Jersey.

**ALLEGHENY SURETY COMPANY (NAIC #34541)**

BUSINESS ADDRESS: 4217 Steubenville Pike, Pittsburgh, PA 15205. PHONE: (412) 921-3077. UNDERWRITING LIMITATION b/: \$275,000. SURETY LICENSES c,f/: PA. INCORPORATED IN: Pennsylvania.

**ALLIED Property and Casualty Insurance Company (NAIC #42579)**

BUSINESS ADDRESS: ONE WEST NATIONWIDE BLVD., FSSC-RR, COLUMBUS, OH 43215 - 2220. PHONE: (515) 508-4211. UNDERWRITING LIMITATION b/: \$6,046,000. SURETY LICENSES c,f/: AL, AZ, AR, CA, CO, CT, DE, DC, FL, GA, ID, IL, IN, IA, KS, KY, ME, MD, MI, MN, MS, MO, MT, NE, NV, NH, NY, ND, OH, PA, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, WY. INCORPORATED IN: Iowa.

**Allied World Insurance Company (NAIC #22730)**

BUSINESS ADDRESS: 199 Water Street, New York, NY 10038. PHONE: (646) 794-0500. UNDERWRITING LIMITATION b/: \$65,495,000. SURETY LICENSES c,f/: AL, AK, AZ, AR, CA, CO, CT, DE, DC, FL, GA, HI, ID, IL, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, WY. INCORPORATED IN: New Hampshire.