

GREEN MOUNTAIN ENGINEERING, INC.

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

March 28, 2018

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

**RE: Charles Avenue Improvements Project
GME Project #27-001a**

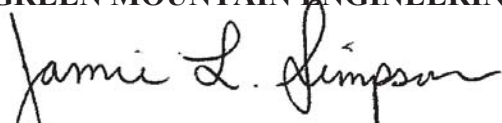
Dear Ms. Ramsay and the Town of Middlebury,

Bids for the above-mentioned project were received, opened and read aloud on March 23rd, 2018 at the Middlebury Public Works Building located at 1020 Route 7 South. In accordance with our "Bid Analysis" dated March 28, 2018 (copy attached) we hereby make the recommendation to award the Charles Avenue Improvements Project to Champlain Construction Company, Inc. in the amount of \$486,198.30.

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 \$486,198.30.

Green Mountain Engineering, Inc., recommends that the Town of Middlebury award this contract to Champlain Construction Company, Inc., in the amount of \$486,198.30. 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 by mid-May 2018.

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.

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BID ANALYSIS AND RECOMMENDATION TO AWARD

Champlain Construction Company, Inc.
Low Bidder – Charles Avenue Improvements Project
Town of Middlebury, Vermont

Bid Opening Date: March 23, 2018
BID AMOUNT: \$486,198.30

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 twenty (20) 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), P.O. Box 3153, 4507 N Front St, Suite 200, Harrisburg, Pennsylvania 17105
- B. Listed the U.S. Treasury Circular 570 (see attached)
- C. Shall provide Payment and Performance Bonds through Aegis Security Insurance Company via Kinney Pike Insurance, Williston, VT, 05495, agent Adam Osha.

6. PAYMENT AND PERFORMANCE BONDS

- A. Aegis Security Insurance Company (Surety Company)
 - 1. Treasury Company listed on Treasury Circular #570.
 - 2. Mr. Osha had remarks such as “*Champlain Construction is an excellent contractor and holds themselves to the highest standards...*”.

7. FINANCIAL DATA

- A. People’s United Bank, Contact Person – David Nurse, 114 South Village Green, Middlebury, VT 05753
 - 1. Mr. Nurse commented that Champlain has been a long-term customer through several generations and that all accounts have been handled as expected with no issues.

**Bid Analysis and Recommendation to Award
Charles Avenue Improvements Project
Champlain Construction Company, Inc.
March 28, 2018
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. Adolfo Bailon, Town Manager for the Town of Randolph believed Champlain Construction Company had done an excellent job several recent water and sewer installation projects for the Town of Randolph, VT. There were no issues or concerns and commented that “The town was very pleased with the quality of work performed and the professionalism displayed by Champlain Construction”.
 - D. 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.
 - E. Bid informalities: None.

9. RECOMMENDATIONS OF GREEN MOUNTAIN ENGINEERING INC.
 - A. Award the Charles Avenue Improvements 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 insure the work is completed correctly and on time.
 - C. Regular project meetings should be scheduled 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 construction of the existing cast iron water main and gravity sewer to minimize service interruptions.
 - E. It should be understood that closures of Charles Avenue shall be on a case-by-case basis and limited to a period between late-June and mid-August. Exact dates are unknown at this time, and shall be determined by the Addison Central Supervisory Union in efforts to minimize impacts to the school bus arrival/departure routes.
 - 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.
 - J. Any additional equipment needed for the complete construction of the system should be acquired or rented as needed.

Bid Tabulation - Middlebury Project #27-001a Charles Avenue Improvements Project Bid Date: 3/23/2018

DESCRIPTION			ENGINEER COST OPINION		Parker Excavating, Inc.		Champlain Construction Co., Inc.		Engineers Construction, Inc.	
	UNIT	QTY.	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
A-1 - 10" DI Water Main	I.f.	785	\$100.00	\$78,500.00	\$83.17	\$65,288.45	\$76.25	\$59,856.25	\$86.00	\$67,510.00
A-2 - 6" DI Water Service	I.f.	60	\$50.00	\$3,000.00	\$97.51	\$5,850.60	\$106.00	\$6,360.00	\$120.00	\$7,200.00
A-3 - 3/4" Copper House Service	I.f.	85	\$40.00	\$3,400.00	\$41.71	\$3,545.35	\$38.45	\$3,268.25	\$60.00	\$5,100.00
A-4 - Polyethylene Pipe Encasement for DI Pipe	ea.	840	\$1.50	\$1,260.00	\$3.16	\$2,654.40	\$1.50	\$1,260.00	\$2.50	\$2,100.00
B-1 - 6" Gate Valve	ea.	1	\$800.00	\$800.00	\$2,495.35	\$2,495.35	\$2,488.00	\$2,488.00	\$3,800.00	\$3,800.00
B-2 - 6" Temp. Gate Valve & Hymax Connection	ea.	1	\$1,200.00	\$1,200.00	\$1,339.70	\$1,339.70	\$950.00	\$950.00	\$1,500.00	\$1,500.00
B-3 - 3/4" Curb Stops and Boxes	ea.	6	\$350.00	\$2,100.00	\$204.67	\$1,228.02	\$190.00	\$1,140.00	\$530.00	\$3,180.00
B-4 - 3/4" Corporation Stops	ea.	6	\$300.00	\$1,800.00	\$121.04	\$726.24	\$150.00	\$900.00	\$190.00	\$1,140.00
B-5 - Fire Hydrant Branch Connections	ea.	1	\$3,000.00	\$3,000.00	\$4,703.35	\$4,703.35	\$1,500.00	\$1,500.00	\$3,300.00	\$3,300.00
B-6 - Removal of Fire Hydrant	ea.	1	\$750.00	\$750.00	\$1,225.00	\$1,225.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00
B-7 - Decommission Ex'g Water Mains	I.s.	1	\$800.00	\$800.00	\$3,576.75	\$3,576.75	\$1,000.00	\$1,000.00	\$2,600.00	\$2,600.00
B-8 - Install, Test & Maintain Temp. Water System	I.s.	1	\$3,000.00	\$3,000.00	\$1,910.75	\$1,910.75	\$3,000.00	\$3,000.00	\$24,500.00	\$24,500.00
C-1 - Rock Excavation	c.y.	2	\$150.00	\$300.00	\$275.00	\$550.00	\$250.00	\$500.00	\$1,100.00	\$2,200.00
C-2 - Excavation & Rep. of Unsuitable Material	c.y.	10	\$20.00	\$200.00	\$60.03	\$600.30	\$37.50	\$375.00	\$71.00	\$710.00
C-3 - Miscellaneous Below Grade & Extra Excavation	c.y.	90	\$32.00	\$2,880.00	\$59.90	\$5,391.00	\$49.50	\$4,455.00	\$64.00	\$5,760.00****
C-4 - Boulder Excavation	c.y.	2	\$80.00	\$160.00	\$81.31	\$162.62	\$1.00	\$2.00	\$160.00	\$320.00
D-1 - Full Width Roadway Reclamation	s.y.	3530	\$3.50	\$12,355.00	\$7.77	\$27,428.10	\$6.80	\$24,004.00	\$8.00	\$28,240.00
D-2 - Bituminous Concrete Pavement (Roadways)	s.y.	3530	\$20.00	\$70,600.00	\$21.32	\$75,259.60	\$20.45	\$72,188.50	\$26.00	\$91,780.00
D-3 - Bituminous Concrete Pavement (Trenches, Driveways)	s.y.	275	\$35.00	\$9,625.00	\$64.18	\$17,649.50	\$41.00	\$11,275.00	\$48.00	\$13,200.00
D-4 - Concrete Sidewalk	s.y.	637	\$80.00	\$50,960.00	\$84.90	\$54,081.96**	\$72.50	\$46,182.50	\$104.00	\$66,248.00
D-5 - Bit. Concrete Sidewalk Removal	s.y.	637	\$10.00	\$6,370.00	\$2.04	\$1,299.48	\$2.20	\$1,401.40	\$4.00	\$2,548.00
D-6 - Concrete Curb and Gutter	I.f.	1135	\$38.00	\$43,130.00	\$33.49	\$38,011.15	\$46.95	\$53,288.25	\$75.00	\$85,125.00
D-7 - Curb Removal	I.f.	1050	\$5.00	\$5,250.00	\$0.78	\$819.00	\$1.00	\$1,050.00	\$2.00	\$2,100.00
D-8 - Detectable Warning Surface	s.f.	16	\$18.00	\$288.00	\$46.00	\$736.00	\$42.00	\$672.00	\$50.00	\$800.00
D-9 - Concrete Curbing (Cast-in-Place)	I.f.	35	\$37.00	\$1,295.00	\$29.97	\$1,048.95	\$50.44	\$1,765.40	\$56.00	\$1,960.00
E-1 - 6" Sanitary Sewer Pipe	I.f.	300	\$60.00	\$18,000.00	\$51.57	\$15,471.00	\$76.37	\$22,911.00	\$57.00	\$17,100.00
E-2 - 4" Sanitary Clean Out	ea.	4	\$300.00	\$1,200.00	\$115.55	\$462.20	\$320.00	\$1,280.00	\$860.00	\$3,440.00
E-3 - Remove/Abandon Structures	ea.	3	\$500.00	\$1,500.00	\$855.97	\$2,567.91	\$500.00	\$1,500.00	\$2,100.00	\$6,300.00
E-4 - Decommissioning of Existing Sanitary Sewer Lines	I.s.	1	\$2,190.00	\$2,190.00	\$1,472.25	\$1,472.25	\$1,250.00	\$1,250.00	\$7,300.00	\$7,300.00
F-1 - 18" HDPE Storm Sewer Drain Pipe	I.f.	295	\$45.00	\$13,275.00	\$55.05	\$16,239.75	\$60.15	\$17,744.25	\$55.00	\$16,225.00
F-2 - 12" HDPE Storm Sewer Drainage Pipe	I.f.	120	\$35.00	\$4,200.00	\$73.00	\$8,760.00	\$70.50	\$8,460.00	\$133.00	\$15,960.00
F-3 - Stormwater Discharge Outfall	I.s.	1	\$500.00	\$500.00	\$4,505.25	\$4,505.25	\$950.00	\$950.00	\$1,500.00	\$1,500.00
F-4 - Stormwater Stone-Lined Ditch	I.s.	1	\$1,000.00	\$1,000.00	\$2,200.63	\$2,200.63	\$1,200.00	\$1,200.00	\$6,100.00	\$6,100.00
F-5 - Raise and Reset Existing Frames/Grates/Rims	ea.	2	\$500.00	\$1,000.00	\$555.63	\$1,111.26	\$350.00	\$700.00	\$1,000.00	\$2,000.00
F-6 - Core into Existing Catch Basins	ea.	3	\$750.00	\$2,250.00	\$602.08	\$1,806.24	\$550.00	\$1,650.00	\$1,300.00	\$3,900.00
F-7 - 48" Precast Storm Sewer Structures	v.f.	36.0	\$475.00	\$17,100.00	\$496.22	\$17,863.92	\$464.00	\$16,704.00	\$680.00	\$24,480.00
G-1 - Class "B" Concrete	c.y.	5	\$230.00	\$1,150.00	\$204.00	\$1,020.00	\$175.00	\$875.00	\$450.00	\$2,250.00
G-2 - Rigid Trench Insulation	s.f.	480	\$2.00	\$960.00	\$1.53	\$734.40	\$3.00	\$1,440.00	\$2.00	\$960.00
G-3 - Calcium Chloride for Dust Control	Ton	1.5	\$750.00	\$1,125.00	\$821.67	\$1,232.51	\$800.00	\$1,200.00	\$1,700.00	\$2,550.00
G-4 - Traffic Control Flaggers	Hrs.	1200	\$25.00	\$30,000.00	\$35.75	\$42,900.00	\$42.50	\$51,000.00	\$45.00	\$54,000.00
G-5 - Erosion Control	I.s.	1	\$2,000.00	\$2,000.00	\$2,685.63	\$2,685.63	\$2,500.00	\$2,500.00	\$24,000.00	\$24,000.00
H-1 - Bonds	I.s.	1	\$8,500.00	\$8,500.00	\$14,374.74	\$14,374.74	\$7,300.00	\$7,300.00	\$13,000.00	\$13,000.00
H-2 - Site Preparation and Miscellaneous Work	I.s.	1	\$60,400.00	\$60,400.00	\$45,814.65	\$45,814.65	\$48,152.50	\$48,152.50	\$95,000.00	\$95,000.00
TOTAL				\$469,373.00		\$493,532.76***		\$486,198.30		\$720,426.00****

10% CONTINGENCY: \$46,937.30
TOTAL CONSTRUCTION: \$516,310.30

INCORRECT OK INCORRECT

* Parker Bid Amount was \$119.80 although Qty. x U.P. = \$5,391.00
 ** Parker Bid Amount was \$54,081.96 although Qty. x U.P. = \$54,081.30
 *** Parker Total Bid Amount was \$493,532.76 although Total Contract Price = \$498,803.30
 **** ECI Bid Amount was \$5,700 although Qty. x U.P. = \$5,760
 ***** ECI Total Bid Amount was \$720,426 although Total Contract Price = \$720.486

Certified Companies

Updated July 1, 2017

ACCREDITED SURETY AND CASUALTY COMPANY, INC. (NAIC #26379)

BUSINESS ADDRESS: PO Box 140855, Orlando, FL 32814. PHONE: (407) 629-2131. UNDERWRITING LIMITATION b/: \$2,307,000. 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: Florida.

ACE American Insurance Company (NAIC #22667)

BUSINESS ADDRESS: 436 Walnut Street P.O. Box 1000, Philadelphia, PA 19106. PHONE: (215) 640-1000. UNDERWRITING LIMITATION b/: \$281,237,000. 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, VI, WA, WV, WI, WY. INCORPORATED IN: Pennsylvania.

ACE Property and Casualty Insurance Company (NAIC #20699)

BUSINESS ADDRESS: 436 WALNUT STREET, P.O. Box 1000, Philadelphia, PA 19106. PHONE: (215) 640-1000. UNDERWRITING LIMITATION b/: \$215,758,000. 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: Pennsylvania.

ACSTAR INSURANCE COMPANY (NAIC #22950)

BUSINESS ADDRESS: 30 SOUTH ROAD, FARMINGTON, CT 06032. PHONE: (860) 415-8400. UNDERWRITING LIMITATION b/: \$2,712,000. 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: Illinois.

Aegis Security Insurance Company (NAIC #33898)

BUSINESS ADDRESS: P.O. Box 3153, Harrisburg, PA 17105. PHONE: (717) 657-9671. UNDERWRITING LIMITATION b/: \$5,554,000. 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.