

# GREEN MOUNTAIN ENGINEERING, INC.

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

March 9, 2020

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

**RE: Cady Road Culvert No. 2 Replacement Project  
GME Project #29-007**

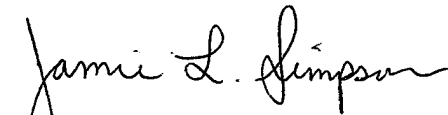
Dear Ms. Ramsay and the Town of Middlebury,

Bids for the above-mentioned project were received, opened and read aloud on February 28<sup>th</sup>, 2020 at the Middlebury Public Works Building located at 1020 Route 7 South. In accordance with our "Bid Analysis" dated March 4, 2020 (copy attached) we hereby make the recommendation to award the Cady Road Culvert No. 2 Replacement Project to Debisschop Excavating, Inc. in the amount of \$74,556.00.

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. Debisschop Excavating, Inc. is the low-bidder; with a total bid price of \$74,556.00.

Green Mountain Engineering, Inc., recommends that the Town of Middlebury award this contract to Debisschop Excavating, Inc., in the amount of \$74,556.00. 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 June 29, 2020.

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



Jamie L. Simpson, P.E.  
Project Engineer

enc.

cc: Mr. Dan Werner, Public Works Planning Director  
Mr. Matt Debisschop, Debisschop Excavating, Inc.

# GREEN MOUNTAIN ENGINEERING, INC.

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

## BID ANALYSIS AND RECOMMENDATION TO AWARD

**Debisschop Excavating, LLC.**  
**Low Bidder – Cady Road Culvert No. 2 Replacement Project**  
**Town of Middlebury, Vermont**

**Bid Opening Date: February 28, 2020**  
**BID AMOUNT: \$74,556.00**

1. OFFICERS  
Matthew Debisschop, Managing Member  
Courtney Debisschop, Member
2. PROJECT MANAGER and SUPERINTENDENT  
Brandon Streicher, Project Manager  
Matthew Debisschop, Project Superintendent
3. QUALIFICATIONS AND EXPERIENCE
  - A. Has a good history of site and utility work.
  - B. Debisschop Excavating, LLC has worked with GME and the Town of Middlebury in the past on several projects of varying scope and scale and both parties believe that the company is reputable.
  - C. Debisschop Excavating, LLC has been in business for 15 years. Mr. Debisschop has 20+ years of experience in the field of Construction and Heavy Equipment operation.
  - D. The number of employees vary between six (6) and ten (10) employees, depending on project needs.
4. OWNED EQUIPMENT TO BE UTILIZED  
Contractor appears to own sufficient 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. Cashier's Check #006587 from National Bank of Middlebury in the amount of \$3,727.80.
  - B. Shall provide Payment and Performance Bonds through Frankenmuth Mutual Insurance Company.
6. PAYMENT AND PERFORMANCE BONDS
  - A. Frankenmuth Mutual Insurance Company (Surety Company), 1 Mutual Ave., Frankenmuth, MI 48787
  - B. Treasury Company listed on Treasury Circular #570 (see attached).
7. FINANCIAL DATA
  - A. National Bank of Middlebury, Contact Person – Catherine Wall, P.O. Box 189, Middlebury, VT 05753
    1. Ms. Wall commented that Debisschop Excavating has been a customer since 2003 and that all accounts have been handled as expected with no issues.

**Bid Analysis and Recommendation to Award  
Cady Road Culvert No. 2 Replacement Project  
Debisschop Excavating, LLC.  
March 06, 2020  
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. Tyler Billingsley, Owner/President of East Engineering, PLC believed Debisschop Excavating, LLC had done an excellent job installing a recent water main replacement project for the Chittenden East Supervisory Union at two different school locations. There were no issues or concerns and noted that the owner was very pleased with the quality of work performed and the professionalism displayed by Debisschop Excavating.
  - D. Green Mountain Engineering, Inc. has had prior experience with Debisschop Excavating, LLC. 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 Cady Road Culvert No. 2 Replacement Project to Debisschop Excavating, LLC 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 end of June and mid-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 #29-007 Cady Road Culvert No. 2 Replacement Project**

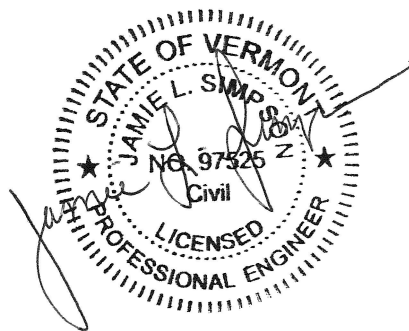
**Bid Date: 2/28/2020**

DESCRIPTION	ENGINEER COST OPINION		John Thomas Excavating, Inc.		R.A. Filskov & Sons		Munson Earth-Moving, Inc.			
	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT		
A-1 Install 50'L x 5'-8"H x 6'-7"W ALSPPA	I.s.	1	\$38,000.00	\$38,000.00	\$1,850.00	\$1,850.00	\$20,000.00	\$20,000.00	\$27,800.00	\$27,800.00
A-2 Demolition, Removal & Disposal of Existing Galv.CMP Culvert	I.s.	1	\$2,100.00	\$2,100.00	\$2,500.00	\$2,500.00	\$6,500.00	\$6,500.00	\$2,300.00	\$2,300.00
A-3 Mobilization/Demobilization	I.s.	1	\$3,500.00	\$3,500.00	\$4,300.00	\$4,300.00	\$17,000.00	\$17,000.00	\$3,000.00	\$3,000.00
C-1 Rock Excavation	c.y.	1	\$140.00	\$140.00	\$100.00	\$100.00	\$75.00	\$75.00	\$295.00	\$295.00
C-2 Excavation & Rep. of Unsuitable Material- Granular Structural Backfill	c.y.	100	\$32.00	\$3,200.00	\$33.00	\$3,300.00	\$75.00	\$7,500.00	\$30.00	\$3,000.00
C-3 Remove & Replace Road Subbase	c.y.	56	\$35.00	\$1,960.00	\$40.00	\$2,240.00	\$75.00	\$4,200.00	\$54.00	\$3,024.00
C-4 Miscellaneous Extra Excavation	c.y.	20	\$50.00	\$1,000.00	\$33.00	\$660.00	\$40.00	\$800.00	\$37.00	\$740.00
C-5 Boulder Excavation	c.y.	1	\$100.00	\$100.00	\$100.00	\$100.00	\$75.00	\$75.00	\$50.00	\$50.00
C-6 Stream Bed Material-Stone Fill	c.y.	20	\$50.00	\$1,000.00	\$45.00	\$900.00	\$65.00	\$1,300.00	\$70.00	\$1,400.00
C-7 Culvert Lining Material-Stone Fill	c.y.	20	\$250.00	\$5,000.00	\$125.00	\$2,500.00	\$105.00	\$2,100.00	\$98.00	\$1,960.00
C-8 Topsoil Material	c.y.	30	\$60.00	\$1,800.00	\$55.00	\$1,650.00	\$45.00	\$1,350.00	\$48.00	\$1,440.00
D-1 Bituminous Concrete Pavement (Roadways)	s.y.	135	\$29.00	\$3,915.00	\$117.00	\$15,795.00	\$74.00	\$9,990.00	\$50.00	\$6,750.00
D-2 Bituminous Concrete Pavement (Driveways/Apron)	s.y.	18	\$35.00	\$630.00	\$117.00	\$2,106.00	\$74.00	\$1,332.00	\$58.00	\$1,044.00
D-3 Geotextile Reinforcing Fabric (GeoGrid)	s.y.	278	\$3.50	\$973.00	\$10.00	\$2,780.00	\$9.00	\$2,502.00	\$2.50	\$695.00
E-1 12-inch Waterline Relocation	I.f.	50	\$132.00	\$6,600.00	\$80.00	\$4,000.00	\$200.00	\$10,000.00	\$190.00	\$9,500.00
F-1 Cofferdams & Stream By-pass	I.s.	1	\$14,500.00	\$14,500.00	\$16,720.00	\$16,720.00	\$3,500.00	\$3,500.00	\$2,800.00	\$2,800.00
F-2 EPSC (Matting, Silt Fence, Stone Channel, Construction Entrance, etc.)	I.s.	1	\$3,300.00	\$3,300.00	\$6,000.00	\$6,000.00	\$8,500.00	\$8,500.00	\$2,000.00	\$2,000.00
G-1 Class "B" Concrete	c.y.	2	\$175.00	\$350.00	\$250.00	\$500.00	\$200.00	\$400.00	\$190.00	\$380.00
G-2 Rigid Trench Insulation	s.f.	160	\$4.00	\$640.00	\$25.00	\$4,000.00	\$9.38	\$1,500.80	\$1.80	\$288.00
G-3 Calcium Chloride for Dust Control	Ton	0.3	\$750.00	\$225.00	\$5,827.00	\$1,748.10	\$250.00	\$75.00	\$1,100.00	\$330.00
G-4 Traffic Control Flaggers	Hrs.	20	\$50.00	\$1,000.00	\$0.00	\$0.00	\$80.00	\$1,600.00	\$48.00	\$960.00
G-5 Clearing & Grubbing (Tree Removal, Stumping)	I.s.	1	\$1,000.00	\$1,000.00	\$5,750.00	\$5,750.00	\$2,500.00	\$2,500.00	\$900.00	\$900.00
H-1 Bonds	I.s.	1	\$2,000.00	\$2,000.00	\$2,850.00	\$2,850.00	\$2,126.00	\$2,126.00	\$1,000.00	\$1,000.00
H-2 Site Preparation and Miscellaneous Work	I.s.	1	\$7,000.00	\$7,000.00	\$7,500.00	\$7,500.00	\$3,500.00	\$3,500.00	\$18,000.00	\$18,000.00
<b>TOTAL</b>				<b>\$99,933.00</b>		<b>\$89,849.10*</b>		<b>\$108,425.80**</b>		<b>\$89,656.00</b>

**10% CONTINGENCY: \$9,993.30**  
**TOTAL CONSTRUCTION: \$109,926.30**

**INCORRECT INCORRECT OK**

\* Thomas Contract Price written was \$89,871.00  
 \*\* Filskov Contract Price was \$108,425.00  
 \*\*\* Case St. Bid Amount was \$1,834.00 although Qty. x U.P. = \$1,734.72  
 \*\*\*\* Case St. Total Bid Amount was \$90,827.82 although Total Contract Price = \$90,928.00



**Bid Tabulation - Middlebury Project #29-007 Cady Road Culvert No. 2 Replacement Project**

**Bid Date: 2/28/2020**

			ENGINEER COST OPINION		Blue Mtn. Trucking & Excavating		Desroches Construction Services		DeBisschop Excavating, Inc.	
DESCRIPTION	UNIT	QTY.	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
A-1 Install 50'L x 5'-8"H x 6'-7"W ALSPPA	I.s.	1	\$38,000.00	\$38,000.00	\$25,350.00	\$25,350.00	\$23,000.00	\$23,000.00	\$28,675.00	\$28,675.00
A-2 Demolition, Removal & Disposal of Existing Galv.CMP Culvert	I.s.	1	\$2,100.00	\$2,100.00	\$3,300.00	\$3,300.00	\$15,000.00	\$15,000.00	\$400.00	\$400.00
A-3 Mobilization/Demobilization	I.s.	1	\$3,500.00	\$3,500.00	\$28,537.00	\$28,537.00	\$13,800.00	\$13,800.00	\$1,700.00	\$1,700.00
C-1 Rock Excavation	c.y.	1	\$140.00	\$140.00	\$300.00	\$300.00	\$330.00	\$330.00	\$350.00	\$350.00
C-2 Excavation & Rep. of Unsuitable Material- Granular Structural Backfill	c.y.	100	\$32.00	\$3,200.00	\$50.00	\$5,000.00	\$60.00	\$6,000.00	\$33.50	\$3,350.00
C-3 Remove & Replace Road Subbase	c.y.	56	\$35.00	\$1,960.00	\$50.00	\$2,800.00	\$56.00	\$3,136.00	\$35.00	\$1,960.00
C-4 Miscellaneous Extra Excavation	c.y.	20	\$50.00	\$1,000.00	\$15.00	\$300.00	\$77.00	\$1,540.00	\$42.00	\$840.00
C-5 Boulder Excavation	c.y.	1	\$100.00	\$100.00	\$50.00	\$50.00	\$220.00	\$220.00	\$185.00	\$185.00
C-6 Stream Bed Material-Stone Fill	c.y.	20	\$50.00	\$1,000.00	\$85.00	\$1,700.00	\$195.00	\$3,900.00	\$75.00	\$1,500.00
C-7 Culvert Lining Material-Stone Fill	c.y.	20	\$250.00	\$5,000.00	\$85.00	\$1,700.00	\$195.00	\$3,900.00	\$110.00	\$2,200.00
C-8 Topsoil Material	c.y.	30	\$60.00	\$1,800.00	\$50.00	\$1,500.00	\$60.00	\$1,800.00	\$75.00	\$2,250.00
D-1 Bituminous Concrete Pavement (Roadways)	s.y.	135	\$29.00	\$3,915.00	\$75.00	\$10,125.00	\$62.00	\$8,370.00	\$50.00	\$6,750.00
D-2 Bituminous Concrete Pavement (Driveways/Apron)	s.y.	18	\$35.00	\$630.00	\$100.00	\$1,800.00	\$62.00	\$1,116.00	\$50.00	\$900.00
D-3 Geotextile Reinforcing Fabric (GeoGrid)	s.y.	278	\$3.50	\$973.00	\$5.00	\$1,390.00	\$3.00	\$834.00	\$4.50	\$1,251.00
E-1 12-inch Waterline Relocation	I.f.	50	\$132.00	\$6,600.00	\$100.00	\$5,000.00	\$90.00	\$4,500.00	\$183.50	\$9,175.00
F-1 Cofferdams & Stream By-pass	I.s.	1	\$14,500.00	\$14,500.00	\$17,200.00	\$17,200.00	\$4,150.00	\$4,150.00	\$2,850.00	\$2,850.00
F-2 EPSC (Matting, Silt Fence, Stone Channel, Construction Entrance, etc.)	I.s.	1	\$3,300.00	\$3,300.00	\$10,200.00	\$10,200.00	\$1,200.00	\$1,200.00	\$2,075.00	\$2,075.00
G-1 Class "B" Concrete	c.y.	2	\$175.00	\$350.00	\$750.00	\$1,500.00	\$350.00	\$700.00	\$375.00	\$750.00
G-2 Rigid Trench Insulation	s.f.	160	\$4.00	\$640.00	\$3.75	\$600.00	\$4.00	\$640.00	\$2.00	\$320.00
G-3 Calcium Chloride for Dust Control	Ton	0.3	\$750.00	\$225.00	\$1,500.00	\$450.00	\$600.00	\$180.00	\$2,000.00	\$600.00
G-4 Traffic Control Flaggers	Hrs.	20	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$44.00	\$880.00	\$45.00	\$900.00
G-5 Clearing & Grubbing (Tree Removal, Stumping)	I.s.	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,600.00	\$1,600.00	\$0.00	\$0.00
H-1 Bonds	I.s.	1	\$2,000.00	\$2,000.00	\$3,900.00	\$3,900.00	\$1,800.00	\$1,800.00	\$2,175.00	\$2,175.00
H-2 Site Preparation and Miscellaneous Work	I.s.	1	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00	\$4,800.00	\$4,800.00	\$3,400.00	\$3,400.00
<b>TOTAL</b>				<b>\$99,933.00</b>		<b>\$129,702.00</b>		<b>\$103,396.00</b>		<b>\$74,556.00</b>

**10% CONTINGENCY: \$9,993.30**

**OK**

**OK**

**OK**

**TOTAL CONSTRUCTION: \$109,926.30**

**Bid Tabulation - Middlebury Project #29-007 Cady Road Culvert No. 2 Replacement Project**

**Bid Date: 2/28/2020**

DESCRIPTION	ENGINEER COST OPINION		Champlain Construction, Inc.		Engineers Construction, Inc.		Case Street Redi-Mix, Inc.			
	UNIT	QTY.	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT		
A-1 Install 50'L x 5'-8"H x 6'-7"W ALSPPA	I.s.	1	\$38,000.00	\$38,000.00	\$23,000.00	\$23,000.00	\$26,500.00	\$26,500.00	\$7,300.00	\$7,300.00
A-2 Demolition, Removal & Disposal of Existing Galv.CMP Culvert	I.s.	1	\$2,100.00	\$2,100.00	\$2,770.00	\$2,770.00	\$1,280.00	\$1,280.00	\$2,800.00	\$2,800.00
A-3 Mobilization/Demobilization	I.s.	1	\$3,500.00	\$3,500.00	\$3,200.00	\$3,200.00	\$4,300.00	\$4,300.00	\$6,280.00	\$6,280.00
C-1 Rock Excavation	c.y.	1	\$140.00	\$140.00	\$1,777.50	\$1,777.50	\$500.00	\$500.00	\$600.00	\$600.00
C-2 Excavation & Rep. of Unsuitable Material- Granular Structural Backfill	c.y.	100	\$32.00	\$3,200.00	\$45.00	\$4,500.00	\$51.00	\$5,100.00	\$140.50	\$14,050.00
C-3 Remove & Replace Road Subbase	c.y.	56	\$35.00	\$1,960.00	\$64.22	\$3,596.32	\$45.00	\$2,520.00	\$140.50	\$7,868.00
C-4 Miscellaneous Extra Excavation	c.y.	20	\$50.00	\$1,000.00	\$50.00	\$1,000.00	\$24.00	\$480.00	\$152.50	\$3,050.00
C-5 Boulder Excavation	c.y.	1	\$100.00	\$100.00	\$250.00	\$250.00	\$300.00	\$300.00	\$300.00	\$300.00
C-6 Stream Bed Material-Stone Fill	c.y.	20	\$50.00	\$1,000.00	\$68.25	\$1,365.00	\$48.00	\$960.00	\$109.50	\$2,190.00
C-7 Culvert Lining Material-Stone Fill	c.y.	20	\$250.00	\$5,000.00	\$197.55	\$3,951.00	\$130.00	\$2,600.00	\$155.00	\$3,100.00
C-8 Topsoil Material	c.y.	30	\$60.00	\$1,800.00	\$52.50	\$1,575.00	\$65.00	\$1,950.00	\$126.83	\$3,804.90
D-1 Bituminous Concrete Pavement (Roadways)	s.y.	135	\$29.00	\$3,915.00	\$62.22	\$8,399.70	\$38.00	\$5,130.00	\$65.00	\$8,775.00
D-2 Bituminous Concrete Pavement (Driveways/Apron)	s.y.	18	\$35.00	\$630.00	\$72.92	\$1,312.56	\$45.00	\$810.00	\$85.50	\$1,539.00
D-3 Geotextile Reinforcing Fabric (GeoGrid)	s.y.	278	\$3.50	\$973.00	\$3.81	\$1,059.18	\$5.25	\$1,459.50	\$6.24	<b>1,734.72***</b>
E-1 12-inch Waterline Relocation	I.f.	50	\$132.00	\$6,600.00	\$288.22	\$14,411.00	\$145.00	\$7,250.00	\$169.50	\$8,475.00
F-1 Cofferdams & Stream By-pass	I.s.	1	\$14,500.00	\$14,500.00	\$13,628.00	\$13,628.00	\$14,500.00	\$14,500.00	\$3,000.00	\$3,000.00
F-2 EPSC (Matting, Silt Fence, Stone Channel, Construction Entrance, etc.)	I.s.	1	\$3,300.00	\$3,300.00	\$2,962.00	\$2,962.00	\$1,450.00	\$1,450.00	\$2,704.00	\$2,704.00
G-1 Class "B" Concrete	c.y.	2	\$175.00	\$350.00	\$350.00	\$700.00	\$174.00	\$348.00	\$480.00	\$960.00
G-2 Rigid Trench Insulation	s.f.	160	\$4.00	\$640.00	\$1.84	\$294.40	\$3.50	\$560.00	\$4.87	\$779.20
G-3 Calcium Chloride for Dust Control	Ton	0.3	\$750.00	\$225.00	\$1,680.00	\$504.00	\$800.00	\$240.00	\$360.00	\$108.00
G-4 Traffic Control Flagger	Hrs.	20	\$50.00	\$1,000.00	\$52.50	\$1,050.00	\$30.00	\$600.00	\$93.00	\$1,860.00
G-5 Clearing & Grubbing (Tree Removal, Stumping)	I.s.	1	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,850.00	\$1,850.00	\$1,550.00	\$1,550.00
H-1 Bonds	I.s.	1	\$2,000.00	\$2,000.00	\$2,222.85	\$2,222.85	\$1,200.00	\$1,200.00	\$3,000.00	\$3,000.00
H-2 Site Preparation and Miscellaneous Work	I.s.	1	\$7,000.00	\$7,000.00	\$8,996.00	\$8,996.00	\$2,040.00	\$2,040.00	\$5,000.00	\$5,000.00
<b>TOTAL</b>				<b>\$99,933.00</b>		<b>\$103,024.51</b>		<b>\$83,927.50</b>		<b>\$90,827.82****</b>

**10% CONTINGENCY: \$9,993.30**

**TOTAL CONSTRUCTION: \$109,926.30**

**OK OK INCORRECT**

**Bid Tabulation - Middlebury Project #29-007 Cady Road Culvert No. 2 Replacement Project**

**Bid Date: 2/28/2020**

			ENGINEER COST OPINION		Avery Excavation, Inc.	
DESCRIPTION	UNIT	QTY.	UNIT	TOTAL	UNIT	TOTAL
			PRICE	AMOUNT	PRICE	AMOUNT
A-1 Install 50'L x 5'-8"H x 6'-7"W ALSPPA	I.s.	1	\$38,000.00	\$38,000.00	\$32,000.00	\$32,000.00
A-2 Demolition, Removal & Disposal of Existing Galv.CMP Culvert	I.s.	1	\$2,100.00	\$2,100.00	\$3,000.00	\$3,000.00
A-3 Mobilization/Demobilization	I.s.	1	\$3,500.00	\$3,500.00	\$9,500.00	\$9,500.00
C-1 Rock Excavation	c.y.	1	\$140.00	\$140.00	\$500.00	\$500.00
C-2 Excavation & Rep. of Unsuitable Material- Granular Structural Backfill	c.y.	100	\$32.00	\$3,200.00	\$60.00	\$6,000.00
C-3 Remove & Replace Road Subbase	c.y.	56	\$35.00	\$1,960.00	\$48.00	\$2,688.00
C-4 Miscellaneous Extra Excavation	c.y.	20	\$50.00	\$1,000.00	\$19.00	\$380.00
C-5 Boulder Excavation	c.y.	1	\$100.00	\$100.00	\$300.00	\$300.00
C-6 Stream Bed Material-Stone Fill	c.y.	20	\$50.00	\$1,000.00	\$55.00	\$1,100.00
C-7 Culvert Lining Material-Stone Fill	c.y.	20	\$250.00	\$5,000.00	\$55.00	\$1,100.00
C-8 Topsoil Material	c.y.	30	\$60.00	\$1,800.00	\$42.00	\$1,260.00
D-1 Bituminous Concrete Pavement (Roadways)	s.y.	135	\$29.00	\$3,915.00	\$40.00	\$5,400.00
D-2 Bituminous Concrete Pavement (Driveways/Apron)	s.y.	18	\$35.00	\$630.00	\$40.00	\$720.00
D-3 Geotextile Reinforcing Fabric (GeoGrid)	s.y.	278	\$3.50	\$973.00	\$3.00	\$834.00
E-1 12-inch Waterline Relocation	I.f.	50	\$132.00	\$6,600.00	\$360.00	\$18,000.00
F-1 Cofferdams & Stream By-pass	I.s.	1	\$14,500.00	\$14,500.00	\$3,000.00	\$3,000.00
F-2 EPSC (Matting, Silt Fence, Stone Channel, Construction Entrance, etc.)	I.s.	1	\$3,300.00	\$3,300.00	\$2,800.00	\$2,800.00
G-1 Class "B" Concrete	c.y.	2	\$175.00	\$350.00	\$400.00	\$800.00
G-2 Rigid Trench Insulation	s.f.	160	\$4.00	\$640.00	\$5.00	\$800.00
G-3 Calcium Chloride for Dust Control	Ton	0.3	\$750.00	\$225.00	\$300.00	\$90.00
G-4 Traffic Control Flagger	Hrs.	20	\$50.00	\$1,000.00	\$42.00	\$840.00
G-5 Clearing & Grubbing (Tree Removal, Stumping)	I.s.	1	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
H-1 Bonds	I.s.	1	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00
H-2 Site Preparation and Miscellaneous Work	I.s.	1	\$7,000.00	\$7,000.00	\$5,200.00	\$5,200.00
<b>TOTAL</b>				<b>\$99,933.00</b>		<b>\$102,312.00</b>

**10% CONTINGENCY: \$9,993.30 OK**

**TOTAL CONSTRUCTION: \$109,926.30**

**First Insurance Company of Hawaii, Ltd. (NAIC #41742)**

BUSINESS ADDRESS: PO Box 2866, Honolulu, HI 96803. PHONE: (808) 527-7777. UNDERWRITING LIMITATION b/: \$28,013,000. SURETY LICENSES c,f/: GU, HI. INCORPORATED IN: Hawaii.

**First Liberty Insurance Corporation (The) (NAIC #33588)**

BUSINESS ADDRESS: 175 Berkeley Street, Boston, MA 02116. PHONE: (617) 357-9500 X-41177. UNDERWRITING LIMITATION b/: \$2,267,000. SURETY LICENSES c,f/: AL, AK, AZ, AR, CA, CO, CT, DE, DC, FL, GA, GU, 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, VI, WA, WV, WI, WY. INCORPORATED IN: Illinois.

**First Net Insurance Company (NAIC #10972)**

BUSINESS ADDRESS: 424 WEST O'BRIEN DRIVE, STE 202, HAGATNA, GU 96910. PHONE: (671) 477-8613. UNDERWRITING LIMITATION b/: \$1,332,000. SURETY LICENSES c,f/: GU, MP. INCORPORATED IN: Guam.

**Frankenmuth Mutual Insurance Company (NAIC #13986)**

BUSINESS ADDRESS: One Mutual Avenue, Frankenmuth, MI 48787 - 0001. PHONE: (989) 652-6121. UNDERWRITING LIMITATION b/: \$64,090,000. SURETY LICENSES c,f/: AL, AZ, AR, CO, CT, DE, DC, FL, GA, 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: Michigan.

**General Casualty Company Of Wisconsin (NAIC #24414)**

BUSINESS ADDRESS: One QBE Way, Sun Prairie, WI 53596. PHONE: (608) 825-5160. UNDERWRITING LIMITATION b/: \$18,041,000. SURETY LICENSES c,f/: AL, AK, AZ, AR, CA, CO, CT, DE, DC, GA, HI, ID, IL, IN, IA, KS, KY, LA, 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: Wisconsin.

**General Reinsurance Corporation (NAIC #22039)**

BUSINESS ADDRESS: 120 LONG RIDGE ROAD, STAMFORD, CT 06902 - 1843. PHONE: (203) 328-5000. UNDERWRITING LIMITATION b/: \$1,055,014,000. SURETY LICENSES c,f/: AL, AK, AZ, AR, CA, CO, CT, DE, DC, FL, GA, ID, IL, IN, IA, 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: Delaware.