

Item No.	Item Description Title / Component Description	Div. # or VTAOT Cost Code	Qty	Units	Unit Price	City Adj Factor	Total Cost
<b>Completed Work Items</b>							
<b>Add Row</b>	<b>Completed Permanent Items</b>						
					\$ -		\$ -
					\$ -		\$ -
<b>Completed - Permanent Total</b>							\$ -
<b>Add Row</b>	<b>Completed Non-Permanent Items</b>						
					\$ -		\$ -
					\$ -		\$ -
<b>Completed - Non-Permanent Total</b>							\$ -
<b>Uncompleted Work Items</b>							
<b>Add Row</b>	<b>Uncompleted Repair Items</b>						
1	Common Excavation	203.15	462	CY	\$ 5.85	1	\$ 2,702.70
2	Corrugated Metal Multi-plate Arch Culvert 8'2"x5'9"	334216153360	16588.00	Lbs	\$ 2.29	1	\$ 37,986.52
3	Granular Backfill for Structures	204.30	32	CY	\$ 32.18	1	\$ 1,029.76
4	Earth Borrow (for excavation and roadway damage)	203.30	490	CY	\$ 12.46	1	\$ 6,105.40
5	Approach Roadway: Subbase of Gravel	301.15	38	CY	\$ 27.87	1	\$ 1,059.06
6	Approach Roadway: Bituminous Concrete Pavement	406.25	28.7	TN	\$ 98.14	1	\$ 2,816.62
7	Durable 4" Yellow Line , Epoxy Paint	646.413	466	LF	\$ 0.40	1	\$ 186.40
<b>Uncompleted - Repair Total</b>							\$ 51,886.46
	<b>Hazard Mitigation</b>						
8	Concrete Class B Head and wing wall upstream and downstream	501.34	18	CY	\$ 600.85	1	\$ 10,815.30
	Reinforcing Steel (Rebar)	507.15	320	Lbs	\$ 1.16	1	\$ 371.20
<b>Uncompleted - Mitigation Total</b>							\$ 11,186.50
	<b>Uncompleted Non-Permanent Items</b>						
9	Mobilization - 8%	9999	1	LS	\$ 4,150.92	1	\$ 4,150.92
10	Traffic Control, Vtrans Item 641.10	9999	1	LS	\$ 2,000.00	1	\$ 2,000.00
11	Sand bag Check dam	208.40	1	EA	\$ 174.87	1	\$ 174.87
12	Water Pump 2' dia 130 gpm	01 590 400 4200	2	Wk	\$ 161.00	1	\$ 322.00
13	2' water hose - 20' long with coupler	01 590 400 3200	4	Wk	\$ 9.05		
<b>Uncompleted Non Permanent - Total</b>							\$6,647.79
<b>Add Row</b>	<b>TOTAL PART A BASE CONSTRUCTION COST</b>						<b>\$58,534.24</b>

**CEF Summary of Completed Work**

8/8/2012

**Lowell, VT - Mines Road Bridge (No 26)**

		Replacement	\$	-	\$	-	\$	-	\$	-	Total
<b>A "Base Costs" for Construction Work-In Trades</b>											
A.1	Permanent Work (CEF Part A)										\$ -
A.2	Non-Permanent Job Specific Work (CEF Part A)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Part A Total</b>		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>B General Requirements and General Conditions</b>											
B.1	<b>General Requirements</b>	<b>Guide</b>	<b>Enter % in Appropriate Column</b>								
		<b>Low to High</b>									
	Safety & Security	4.0% 6.0%									
	Temporary Services & Utilities	0% 1.0%									
	Quality Control	0% 1.0%									
	Submittals	0% 5.0%									
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
B.2	General Conditions (4.25%)										
<b>Part B Total</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>PART A through B SUBTOTAL</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>C Construction Cost Contingencies</b>											
C.1	<b>Design-Phase Scope Contingencies</b>	<b>Guide</b>	<b>Enter % in Appropriate Column</b>								
		<b>Low to High</b>									
	Preliminary Engineering Analysis	7.0% 20.0%									
	Working Drawings	2.0% 10.0%									
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C.2	<b>Facility or Project Constructability</b>		<b>Enter % in Appropriate Column</b>								
	Facility or Project Type and Complexity	See IG for Values									
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C.3	<b>Access, Storage &amp; Staging</b>	<b>Guide</b>	<b>Enter % in Appropriate Column</b>								
		<b>Low to High</b>									
	Access Contingencies	0% 4.0%									
	Storage Contingencies	0% 4.0%									
	Staging Contingencies	0% 4.0%									
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
C.4	Economies of Scale										
<b>Part C Total</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>PART A through C SUBTOTAL</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>D General Contractor's Overhead and Profit</b>											
D.1	GC's Home Office Overhead	7.7%									
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
D.2	GC's Insurance, Payment & Performance Bonds	3.3%									
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
D.3	General Contractor's Profit										
	New Construction										
	Repair/Retrofit										
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Part D Total</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>PART A through D SUBTOTAL</b>			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**CEF Summary of Completed Work**

8/8/2012

**Lowell, VT - Mines Road Bridge (No 26)**

		Replacement	\$	-	\$	-	\$	-	\$	-	Total
<b>E Cost Escalation Factors</b>											
Cost Escalation Factor	Months										
	Monthly Factor										
Part E Total		\$	-	\$	-	\$	-	\$	-	\$	-
<b>PART A through E SUBTOTAL</b>		\$	-	\$	-	\$	-	\$	-	\$	-
<b>F Plan Review and Permit Construction Cost</b>											
F.1	Plan Review Fees										
(List Individual Requirements Separately)											
		\$	-	\$	-	\$	-	\$	-	\$	-
F.2	Construction Permit Fees										
(List Individual Requirements Separately)											
		\$	-	\$	-	\$	-	\$	-	\$	-
Part F Total		\$	-	\$	-	\$	-	\$	-	\$	-
<b>PART A through F SUBTOTAL</b>		\$	-	\$	-	\$	-	\$	-	\$	-
<b>G Applicant's Reserve for Change Orders</b>											
Applicant's Reserve for Change Orders		<input type="checkbox"/>	7.0%								
Part G Total		\$	-	\$	-	\$	-	\$	-	\$	-
<b>PART A through G SUBTOTAL</b>		\$	-	\$	-	\$	-	\$	-	\$	-
<b>H Applicant's Project Management And Design Costs</b>											
H.1	Applicant's Project Management - Design Phase	1.0%	<input type="checkbox"/>								
		\$	-	\$	-	\$	-	\$	-	\$	-
H.2	A/E Design Contract Applicability										
Above Average Complexity (Curve A)		<input type="checkbox"/>	5.6%								
Average Complexity (Curve B)		<input type="checkbox"/>	4.5%	<input type="checkbox"/>	5.6%						
Basic Construction Inspection Services		<input type="checkbox"/>	3.0%								
A/E Design Contract Cost											
Above Average Complexity (Curve A)		\$	-	\$	-	\$	-	\$	-	\$	-
Average Complexity (Curve B)		\$	-	\$	-	\$	-	\$	-	\$	-
Basic Construction Inspection Services		\$	-	\$	-	\$	-	\$	-	\$	-
		\$	-	\$	-	\$	-	\$	-	\$	-
H.3	Project Management - Construction Phase		<input type="checkbox"/>								
		\$	-	\$	-	\$	-	\$	-	\$	-
Part H Total		\$	-	\$	-	\$	-	\$	-	\$	-
<b>PART A through H SUBTOTAL</b>		\$	-	\$	-	\$	-	\$	-	\$	-
<b>TOTAL OF COMPLETED WORK</b>											

**CEF Summary of Uncompleted Work**

8/8/2012

**Lowell, VT - Mines Road Bridge (No 26)**

		Replacement	\$	-	\$	-	\$	-	\$	-	Total
<b>A "Base Costs" for Construction Work-In Trades</b>											
A.1	Permanent Work (CEF Part A)	\$	51,886	\$	11,187						\$ 63,073
A.2	Non-Permanent Job Specific Work (CEF Part A)	\$	6,648								\$ 6,648
<b>Part A Total</b>		\$	58,534	\$	11,187	\$	-	\$	-	\$	-
<b>B General Requirements and General Conditions</b>											
B.1	<b>General Requirements</b>	<b>Range</b>	<b>Low</b>	<b>to</b>	<b>High</b>	<b>Enter % in Appropriate Column</b>					
	Safety & Security	4.0%			6.0%						
	Temporary Services & Utilities	0%			1.0%						
	Quality Control	0%			1.0%						
	Submittals	0%			5.0%						
		\$	-	\$	-	\$	-	\$	-	\$	-
B.2	<b>General Conditions (4.25%)</b>										
<b>Part B Total</b>		\$	-	\$	-	\$	-	\$	-	\$	-
<b>PART A through B SUBTOTAL</b>		\$	58,534	\$	11,187	\$	-	\$	-	\$	-
<b>C Construction Cost Contingencies</b>											
C.1	<b>Design-Phase Scope Contingencies</b>	<b>Range</b>	<b>Low</b>	<b>to</b>	<b>High</b>	<b>Enter % in Appropriate Column</b>					
	Preliminary Engineering Analysis	7.0%			20.0%						
	Working Drawings	2.0%			10.0%						
		\$	-	\$	-	\$	-	\$	-	\$	-
C.2	<b>Facility or Project Constructability</b>	<b>Enter % in Appropriate Column</b>									
	Facility or Project Type and Complexity	See IG for Values									
		\$	-	\$	-	\$	-	\$	-	\$	-
C.3	<b>Access, Storage &amp; Staging</b>	<b>Range</b>	<b>Low</b>	<b>to</b>	<b>High</b>	<b>Enter % in Appropriate Column</b>					
	Access Contingencies	0%			4.0%						
	Storage Contingencies	0%			4.0%						
	Staging Contingencies	0%			4.0%						
		\$	-	\$	-	\$	-	\$	-	\$	-
C.4	<b>Economies of Scale</b>										
<b>Part C Total</b>		\$	-	\$	-	\$	-	\$	-	\$	-
<b>PART A through C SUBTOTAL</b>		\$	58,534	\$	11,187	\$	-	\$	-	\$	-
<b>D General Contractor's Overhead and Profit</b>											
D.1	<b>GC's Home Office Overhead</b>	<b>7.7%</b>									
		\$	-	\$	-	\$	-	\$	-	\$	-
D.2	<b>GC's Insurance, Payment &amp; Performance Bonds</b>	<b>3.3%</b>									
		\$	-	\$	-	\$	-	\$	-	\$	-
D.3	<b>General Contractor's Profit</b>										
	New Construction										
	Repair/Retrofit										
<b>Part D Total</b>		\$	-	\$	-	\$	-	\$	-	\$	-
<b>PART A through D SUBTOTAL</b>		\$	58,534	\$	11,187	\$	-	\$	-	\$	-

CEF Summary of Uncompleted Work

8/8/2012

Lowell, VT - Mines Road Bridge (No 26)

		Replacement	\$	-	\$	-	\$	-	\$	-	Total
<b>E Cost Escalation Factors</b>											
E	Cost Escalation Factor	Months									
		Monthly Factor									
		Part E Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>PART A through E SUBTOTAL</b>		\$ 58,534	\$ 11,187	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 69,721	
<b>F Plan Review and Permit Construction Cost</b>											
F.1	Plan Review Fees										
	(List Individual Requirements Separately)										
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
F.2	Construction Permit Fees										
	(List Individual Requirements Separately)										
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Part F Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>PART A through F SUBTOTAL</b>		\$ 58,534	\$ 11,187	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 69,721	
<b>G Applicant's Reserve for Change Orders</b>											
G	Applicant's Reserve for Change Orders										
		7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%	7.0%		
	Part G Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>PART A through G SUBTOTAL</b>		\$ 58,534	\$ 11,187	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 69,721	
<b>H Applicant's Project Management And Design Costs</b>											
H.1	Applicant's Project Management - Design Phase	1.0%									
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
H.2	A/E Design Contract Applicability										
	Above Average Complexity (Curve A)		27.6%		33.8%		5.6%		5.6%		5.6%
	Average Complexity (Curve B)		14.8%		16.9%		4.5%		4.5%		5.6%
	Basic Construction Inspection Services		3.0%		3.0%		3.0%		3.0%		3.0%
	A/E Design Contract Cost										
	Above Average Complexity (Curve A)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Average Complexity (Curve B)	\$ 8,690	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Basic Construction Inspection Services	\$ -	\$ 336	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		\$ 8,690	\$ 336	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,026	
H.3	Project Management - Construction Phase										
		6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%		
		\$ 3,512	\$ 671	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,183	
	Part H Total	\$ 12,202	\$ 1,007	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,209	
<b>PART A through H SUBTOTAL</b>		\$ 70,737	\$ 12,193	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 82,930	
<b>TOTAL OF UNCOMPLETED WORK</b>										<b>\$82,930</b>	

# CEF Total Project Summary

8/8/2012

## Summary

### Lowell, VT - Mines Road Bridge (No 26)

		Completed	Uncompleted	Total
<b>PART A</b>	<b>"Base Costs" for Construction Work In Trades</b>	\$ -	\$ 69,721	\$ 69,721
	A.1 Permanent Work	\$ -	\$ 63,073	\$ 63,073
	A.2 Non-Permanent Job Specific Work (CEF Part A)	\$ -	\$ 6,648	\$ 6,648
<b>PART B</b>	<b>General Requirements and General Conditions</b>	\$ -	\$ -	\$ -
	B.1 General Requirements	\$ -	\$ -	\$ -
	B.2 General Conditions	\$ -	\$ -	\$ -
<b>PART C</b>	<b>Construction Cost Contingencies (Design and Construction)</b>	\$ -	\$ -	\$ -
	C.1 Standard Design-Phase Scope Contingencies	\$ -	\$ -	\$ -
	C.2 Facility or Project Constructability	\$ -	\$ -	\$ -
	C.3 Access, Storage, and Staging Contingencies	\$ -	\$ -	\$ -
	C.4 Economies of Scale in New Construction	\$ -	\$ -	\$ -
<b>PART D</b>	<b>General Contractor's Overhead and Profit</b>	\$ -	\$ -	\$ -
	D.1 General Contractor's Home Office Overhead Costs	\$ -	\$ -	\$ -
	D.2 General Contractor's Insurance, Payment, and Performance Bonds	\$ -	\$ -	\$ -
	D.3 Contractor's Profit	\$ -	\$ -	\$ -
<b>PART E</b>	<b>Cost Escalation Allowance</b>	\$ -	\$ -	\$ -
<b>PART F</b>	<b>Plan Review and Construction Permit Costs</b>	\$ -	\$ -	\$ -
	F.1 Plan Review Fees	\$ -	\$ -	\$ -
	F.2 Construction Permit Fees	\$ -	\$ -	\$ -
<b>PART G</b>	<b>Applicant's Reserve for Construction</b>	\$ -	\$ -	\$ -
<b>PART H</b>	<b>Applicant's Project Management and Design Costs</b>	\$ -	\$ 13,209	\$ 13,209
	H.1 Applicant's Project Management - Design Phase	\$ -	\$ -	\$ -
	H.2 Architecture & Engineering Design Contract Costs	\$ -	\$ 9,026	\$ 9,026
	H.3 Project Management - Construction Phase	\$ -	\$ 4,183	\$ 4,183
<b>Complete Project Total for Completed and Uncompleted Work</b>		\$ -	\$ 82,930	\$ 82,930