

**Plainfield Town Garage Work Group**  
**Projected Estimated Cost to Repair Town Garage**

9/20/2016

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Status	Town Garage Project			Estimated cost by	Vendor	Cost to date	Projected Estimated	2016 Site Work Cost	2017 Building Repair Cost	2018 Additional Building Repairs	2019 New HVAC System Cost	2020							
3		<b>Site Improvements</b>																		
5	In progress	Site Plan , topo ect. ( I've asked Chris for a proposal)			Michael	Chris Rollins	\$880.00	\$1,000.00	\$1,000.00											
6	Not required	Septic Design Includes fees of \$300.00 to the state				Chris Rollins		\$1,800.00												
7	In Progress	Repair Sagging pipe			Bill K.	Sterns Septic		\$1,500.00	\$1,500.00											
8	In Progress	Flush system			Bill K.	Sterns Septic		\$500.00	\$500.00											
9																				
10	Complete	Underground Investigation			Bill K.	Sterns Septic	\$845.00													
11																				
13																				
14		Water supply																		
15	Complete	Test water			Michael	State of NH	\$100.00													
16	Complete	Drill new well			Steve H.	Wrags		\$5,700.00	\$5,700.00											
17	Complete	Install new pump and pesure tank			Steve H.	Wrags		\$1,800.00	\$1,800.00											
18																				
20																				
21	Not required	Above Ground Fuel Tank (AGFT)Design			Michael	Pathways		\$5,500.00												
22	Complete	AGFT Concrete Pad			Brad A.	Plainfield HD														
23	In Progress	Secure permanent permit			Steve H.	Simple energy		\$0.00												
24		AGFT Containment Apron			Brad A.	Brad Atwater		\$5,100.00	\$5,100.00											
25	Installed	Install new above Ground Fuel Tank			Steve H.	Simple energy	\$14,000.00													
26		Misc exspence																		
27																				
29																				
30	We have quot	Environmental Site Investigation and site plan			Conservation C.	Pathways		\$6,575.00	\$6,575.00											
31																				
33																				
34	Complete	Floor Drain Holding Tank Design			Russ	Pathways	\$1,250.00													
35	In progress	Purchase and Install new tank and alarm			Bill K.	Robbie Williams		\$6,000.00												
36		Wire alarm system			Michael	Emily's Electric		\$561.00												
37		Remove old storage tank				Robbie Williams														
38		Do soil test under old tank				Pathways		\$1,000.00												
39		Create storage\containment of comtamited soil on site				Robbie Williams		\$250.00												
40		Dispose of old tank and contaminated soil				Town		\$800.00												
41		Additional enviromental cost				Town														
42		Dispose of oil containmate liquid 500 gal				Town		\$2,500.00												
43		Dipose of old steel tank				Town		\$500.00												
44		3- 12' x 7' percast bollard, 400 each			Michael	Town		\$1,200.00												
45	If needed	Chain Link Fence, Sprinfield VT				Town														
46		Misc exspence				Town														
47		Current floor drain estimate total						\$12,811.00	\$12,811.00											
48																				
50		<b>Stuctural Repair of building</b>																		
52		Architectural Design Fees			M.OL	?????		\$5,000.00			\$5,000.00									
53		Engineering Ventures Structural Analyst repair proposal 05/05/16				Engineering Ventures		\$6,500.00			\$6,500.00									
54		Wind bracing/shear walls				Engineering Ventures														
55		Additional engineering cost																		
56		Replace sill, we decided not to borther with this			PTGSG															
57		Improve conection of sill to foundtion																		
58		Fix notched studs			Bill K.			\$9,600.00			\$9,600.00									

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59																				
60			Fix framing around overhead doors																	
61			Add wood blocking at edges of T-1-11 sheathing																	
62			Wind shear wall repair	Bill K.						\$27,070.00						\$27,070.00				
63																				
64			Fix mezzanine floor framing	M.OL						\$815.00						\$815.00				
65			Misc expence																	
66																				
67			<b>Exterior of Building Repair</b>																	
68																				
69			<b>2014 Roof upgrade project info</b>																	
70			Engineering Ventures Truss evaluation	M.OL	EngineerVentures	\$1,200.00														
71			Roofing Quote	M.OL	HP Roofing					\$31,000.00										
72			Roofing Quote	M.OL	MadCow Roofing					\$44,000.00										
73			Insulation and attic ceiling sealing	M.OL	Earthshare Construction					\$7,840.00						\$7,840.00				
74			Truss structural repair estimate Including new sheathing	M.OL						\$9,031.00						\$23,149.00				
75			Estimated cost for Galvalum corugatted metal roofing	M.OL											\$14,816.00					
76																				
77			Replace Overhead Doors	M.OL	Rutland Overhead Door					\$8,000.00						\$8,000.00				
78			Replace vinyl siding	M.OL						\$17,240.00					\$17,240.00					
79			Replace windows	Brad A.						\$5,230.00					\$5,230.00					
80			Fire exit from second floor	M.OL	WAG					\$5,000.00					\$5,000.00					
81			Other exterior work																	
82			Misc expence																	
83																				
84			<b>Interior of Building Repair</b>																	
85																				
86			Clean it																	
87			Paint it																	
88			MSDS Project																	
89			Disposal of hazardous waste																	
90			Other interior work																	
91			Eye wash station																	
92			Electrical removal and replacment for wind shear work	Group BP						\$15,000.00						\$15,000.00				
93			Fire separation walls to isolate office, lunch room etc. (WAG)	M.OL	WAG					\$20,000.00								\$20,000.00		
94			Ventilation System	Brain Sager	ARC					\$26,500.00								\$26,500.00		
95			New Heating system	Brain Sager	MOL WAG					\$20,000.00								\$35,000.00		
96			Misc expence																	
97																				
98			<b>Energy Audit recommendation</b>																	
99																				
100			Set back hot water temp to 120	Margaret D.	Rich					\$5.00										
101			Install Filters on return registers	Margaret D.	Rich					\$35.00										
102			Replace thermostat with programmable	Margaret D.	Emilys Electric					\$85.00										
103			Insulate ceiling hatch and gasket seal	Margaret D.	Earthshare Construction					\$100.00										
104			Insulate all water pipes with min R6 foam	Margaret D.	???					\$100.00										
105			Install stop moldings on both overhead doors	Margaret D.	???					\$192.00										
106			Install therapane storm	Margaret D.	Bard A. see estimate cost above					\$200.00										
107			Air seal windows and doors	Margaret D.	Bard A. see estimate cost above					\$250.00										
108			Replace hinged windows with TP awnings	Margaret D.	Bard A.see estimate cost above					\$900.00										
109			Install therma pane storms on 7 fixed windows	Margaret D.	Bard A.see estimate cost above					\$1,400.00										
110			Insulate the foundation wall	Margaret D.	NA					\$2,800.00										
111			Air seal ceiling plane and add insulation	Margaret D.	Earthshare Construction see estimate cc					\$5,500.00										
112																				
113			Misc expence																	
114																				
115			<b>Other Energy Audit suggestions</b>																	
116																				
117			Consider waste oil furnace	Margaret D.						\$7,500.00										
118			Solar wall with ventilation	Margaret D.						\$15,000.00										

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119			Air vac Filtration for improved air quality	Margaret D.						\$12,000.00										
120																				Totals
122			<b>Total</b>				\$18,275.00				\$34,986.00	\$42,286.00	\$102,974.00	\$81,500.00						\$261,746.00
123																				
124			Contingency	10%							\$3,499	\$4,229	\$10,297	\$8,150						\$26,174.60
125			Overhead & Supervision	15%							\$5,773	\$6,977	\$16,991	\$13,448						\$43,188.09
126			Profit	5%							\$2,213	\$2,675	\$6,513	\$5,155						\$16,555.43
127			<b>Total Estimate</b>								\$46,470	\$56,166	\$136,775	\$108,252						\$347,664
128			Markup Multiplier								132.83%	132.83%	132.83%	132.83%						
129																				