





<u>PROJECT COST ESTIMATE</u>			
	Estimate Level	Level I	
Project Name:	PELHAM EXPANSION		
Work Order #:			
Company:	Liberty Utilities - Gas	Program ID:	ENI101
City:	Pelham	Bid Area:	NH
State:	NH	Overhead Area:	Energy North
Reimbursable :	Yes	Date Requested:	8/12/2015
		Date Completed:	8/18/2015
		Estimated By:	ITC
		Project CY	CY15
	New Main (length/size/matl):	1500'/2"/PL 1150'/4"/PL 8625'/6"/PL 3200'/8"/PL	
	Abandon Main (length/size/matl):		
	Number of Services Involved:	74	
Scope of Work:			
Install aprx 3200' of 8" PL in Bridge St from Attwood Rd to Willow St, aprx 4200' of 6" PL in Willow St from Bridge St to Marsh Rd, aprx 4425' of 6" PL in Marsh Rd from Willow St to Acorn Ln, aprx 1300' of 2" PL in Village Green for town buildings, aprx 1000' of 4" PL in Atwood Rd and Livingston Rd from Bridge St to Stevens Rd, aprx 150' of 4" PL in Old Bridge St N from Bridge St to the water crossing. Estimate includes survey drawings for Bridge St (Rte 38) and 5 HDD.			
		Liberty Labor (Mgt.)	\$0.00
		Liberty Labor (Union)	\$0.00
		Contractor Labor	\$722,035.18
		Traffic Control	\$63,848.14
		Stock Materials	\$131,241.14
		Non-Stock Materials	\$0.00
		Degradation Fees	\$0.00
		Other	\$23,100.00
		Total Direct Cost	\$940,224.46
Overheads			
	Company Mgt. Labor (%)	123.62%	\$0.00
	Company Union Labor (%)	123.62%	\$0.00
	Transportation (%)	0.00%	\$0.00
	Contractor Labor (%)	35.00%	\$252,712.31
	Stock Material (%)	2.74%	\$3,596.01
		Subtotal	\$1,196,532.78
	Capital Overhead (%)	0.00%	\$0.00
		Subtotal	\$1,196,532.78
		AFUDC	\$0.00
		Total Project Estimate	\$1,196,532.78
		Contingency (%)	10%
		Equivalent Overall OH (%)	27%
Comments:			

Ver. 13 - Liberty Utilities - Effective 4/01/2015

Pelham Load/GPM

	Count	ADTH	GPM	6 Year GPM	8 Year GPM
Residential	66	5,610	\$36,234.00		\$289,872.00
Commercial	56	30,342	\$129,875.00	\$779,250.00	
Total ADTH		35,952			
Total GPM		\$1,069,122			

Liberty Utilities Sales Estimating Tool (2" - 8" Plastic)

Work Oder #	
Calendar Year	2015
Town	Windham

Proposed Main Segments on Project

	1	2	3
Proposed Size	4 inch	2 inch	6 inch
Existing Conditions	Off Pavement	Off Pavement	In Pavement
Proposed Material	Plastic	Plastic	Plastic
Proposed Footage	8,000	7,033	

Main Install Direct Cost \$ 241,968.77

Proposed # of Services on Project

	1	2	3
Service Size	0.5 inch	0.5 inch	1.25 inch
Existing Conditions	Off Pavement	In Pavement	In Pavement
Service Material	Plastic	Plastic	Plastic
# of Services	156	39	

Service Install Direct Cost \$ 410,740.59

Proposed # of Main Connections on Project

	1	2	3
Connection Size/Type	2 inch - In Line	4 inch - In Line	6 inch - In Line
# of Main Connections	1		

Main Connection Direct Cost \$ 4,155.61

Unit Cost (\$/ft) - Direct	\$ 46.10
Unit Cost (\$/ft) - Loaded	\$ 78.37

*Estimate - Direct	\$ 692,992.54
Estimate - Loaded	\$ 1,178,087.32
Equivalent Overhead %	70%

*10% Contingency Built In

Ver. 2 - Liberty Utilities - Effective 3/27/2013

Windham GPM

Residential Customers	195
R-3 GPM per customer	\$ 549.00
GPM per Year	\$ 107,055.00
8 Years of GPM	\$ 856,440.00