

DG 17-048 Planning and Budgeting Training Center

PB-2: Staff Questions 6-25, Staff 6-27 through Staff 6-29, Staff 6-31, Staff 6-32

Please see below for the documents and information requested in the various questions listed above.

- Capital Project Expenditure Application Attachment PB-2.1 and PB-2.2 (attached to Business Cases)
- Business Case Attachment PB-2.1 (original dated 1/24/2014)
 - o Attachment PB-2.2 (updated Business Case dated 5/1/2014)
- Project Cost History Attachment PB-2.3 is a Project Cost History dated as of 10/23/2015 that covers
 costs incurred through November 2014. For additional information on the project costs incurred
 during the life of the project and subsequent to November 2014, please see Attachment PB-2.6.xlsx.
- Details of the \$1.45 million estimate discussed in the testimony of Steven Mullen in DG 17-048:

Design/Engineering	70,000
Material	351,240
External Contractor Costs	439,050
Internal Costs	15,000
Other Costs (Contingency)	87,810
Soft Costs	65,000
Total per 1/24/2014 Business Case	1,028,100
Increase due to Water Table/Foundation	421,900
	1,450,000

- Over Expenditure Application Attachment PB-2.4
- Project Close Out Report (including supporting documents) Attachment PB-2.5
 - Note: Items listed in Section 3 of the Project Close Out Report do not apply in all cases. Indication that the location of the documents is the "Local W Drive" means that is the location if the document is available. In addition, the "Project Charter" referenced in Item 3.4b is really the same as the "Business Case" referenced in Item 3.4a. Budget documentation is provided in response to PB-3 and PB-4. Status Reports and a discussion of Risks and Issues are included in the Monthly CapEx Update meetings and documentation discussed in response to PB.1 (see Attachment PB-1.3, for example). In addition, please see Section 5 of the Project Close Out Report for a list of Lessons Learned and Section 7 for any Open Issues.

2016 was the first year of using the Project Close Out Reports, and the Financial information in Section 8 relates on to 2016 rather than the entire life of the project. Liberty will continue to "fine tune" its use of the Project Close Out report.

Summary of expenditures – Attachment PB-2.6.xlsx

Attack ment PB-2.3 supplemental

Concord - Training Center Project Cost History				
Date/Item	Description	Cost	Cumulative Cost	
Jan-14	Initial Estimate for metal framed building	700,000.00		
Feb-14	Estimate for 1-story building with mezzanine (No Site Work)	1,148,225.00		
Apr-14	Estimate for 2-story building with changes to entrance elevation and	1,641,170.00		
Jul-14	stairways and includes Site work Original North Branch GMP construction contract estimate based on	1,955,492.00		
101-14	100% building and Site work plans	1,933,492.00		
	Final North Branch GMP construction estimate with added winter			
	contingency and trolley hoist allowance. Winter			
Sep-14	contingency would not have been required if project started in July	2,041,792.00		
	as originally anticipated.			
CP1	Builders Risk Insurance - Requested by Liberty Legal	1,593.00	2,043,385.0	
	Broken Bridge Road Improvements - Includes water line and road			
CP2	improvements. Cost split between Training	488,905.00	2,532,290.0	
	Center and CNG. Training Center \$201,605, CNG \$287,300			
	Gas Line Sleeve - Addition of 2" Schedule 80 sleeve in order to install			
CP5	gas service after base coat paving is	1,527.00	2,533,817.0	
	completed. This was needed due to fact that gas service couldn't be			
	installed by Liberty prior to paving. Winter Paving - Installation of Site base paving in winter in order to			
	apply for conditional CO in March. Cost reflects \$26.85 per ton			
CP6	material upcharge for pavement plant winter conditions.	11,180.75	2,544,997.7	
	Concrete Structure Demolition - Removal of underground concrete			
	bunker (approx. 14lx10wx8d) and backfilling of structure with			
	granular structural fill. Structure was located under portion of			
	parking lot and was unknown prior			
CP7	to start of work.	4,683.00	2,549,680.7	
	Building Water Service - Installation of domestic water service from			
CP8	the new water main to the building. Original	6,884.00	2,556,564.7	
	North Branch contract included connection to well. Lower future			
	maintenance costs.			
	Road Waterline Revision - Replace a section of existing gravity sewer with ductile iron per City of Concord			
	demand. Also included incasing 40' of waterline bells and fittings			
	adjacent to previously unknown sewer force mains. City originally wanted to reroute waterline which would have cost 3 to 4 times the			
CP9	cost of the scope described above.	3,627.30	2,560,192.0	
Cro	Road Work Unsuitable Materials - Removal of unsuitable materials	0,027.00	2,000,202.0	
	(organics) immediately above and below the waterline and the			
	replacement with stone and bank run gravel per City of Concord			
	demands and in accordance with project geotechnical engineer.			
	Removed and replaced 639.6 cubic yards of unsuitable materials			
	(back-up slips available). \$10/cubic yard remove and dispose and			
	\$27/cubic yard replacement. Unit rates established in CP2.			
CP10		26,279.20	2,586,471.2	
	Unsuitable Materials (On-Site) - Removal of unsuitable materials			
	encountered during on-site excavation through			
	11/17/14. Included removal, disposal, and replacement of 471.5			
	cubic yards of concrete, trash, and misc. debris at contract unit cost			
CP11	of \$30/CY (back-up slips available).	14,145.00	2,600,616.2	
CP12	Credit For Deleted Fire Dampers - Credit back for cost of two deleted	(250.00)	2,600,366.2	
	fire dampers			
	Added Data and Power - Addition of three, four-gang floor boxes in			
	each classroom to provide power and data for laptop use for training.			
	Original plan was for wireless, but concerns were raised by Liberty			
CP13R	training and IT after issues with large training sessions utilizing wireless have recently occurred.	10,549.00	2,610,915.2	
CP14	Red Lobby Phone - New requirement at all Liberty facilities	514.00	2,611,429.2	
GF 1.4	Broken Bridge Road Underdrain - Addition of new catch basin and 6"	324.03	-,,	
	underdrain. Underdrain required due to water seeping up through			
	waterline gate valve as a result of install of new waterline on Broken	15 15 15 15		
	Bridge Road and use of crushed stone fill under waterline. Crushed			
	stone was utilized due to organics. New catch basin was required due			
	to fact that existing catch basin to be reused was in poor condition at			
	the base of the structure and structure could not be cored to accept			
	new 15" outlet pipe.	F 5.2		
CP15		15,073.00	2,626,502.2	
	Fast Track Schedule - directive from Liberty management to ensure	450 507 05	0.705.405.5	
CP16	completion and temporary CO by 3/31/15. Included working all	158,627.00	2,785,129.2	
	weekends and certain double shifts.			
	Gas Detection System - Installation of building gas detection system.			
	Fire department had already reviewed and approved building plans			
0040	but added gas detection system as a last minute change. Required to	15 429 00	2 800 557 3	
CP18	obtain CO.	15,438.00 1,677.00	2,800,567.2 2,802,244.2	
CP20	Roof Hatch Safety Railing - Added Liberty safety team requirement.	1,077.00	2,002,244.2	
	Railing was not required by code. Hoist Beam Allowance Reconciliation - Original allowance of \$7,500			
CD24	for hoist and trolley system did not cover total cost of install.	2,731.00	2,804,975.2	
CP21	To Hoise and trolley system did not tover total cost of mistall.	-,, -1	_,,,	
CP22	Rubber Stair Tread Grip Tape - Added Liberty safety team	742.00	2,805,717.2	
~F 44	requirement			

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	Winter Conditions Allowance Closeout - Original allowance was not					
	adequate due to harsh winter and need for extra project heat and		Ref Ref Miles			
	tenting due to delay in project start date resulting from hold up on					
	roadway turn-around easement from City of Concord. City would not					
	let project start until easement was completed.					
CP23		46,567.00	2,852,284.25			
	Building Sign/Canopy Closeout - Original sign allowance was not					
CP24	adequate to cover cost of canopy and sign. Significant additional	15,821.00	2,868,105.25			
	funds were needed for zoning board variance due to size of sign.			T 1.01	p.'m	
	W	40.027.00	2 070 042 25	Excel file	Difference	
	Water Services - Original City approved off-site roadwork plans	10,837.00	2,878,942.25	2,857,667.52	21,274.73	
	indicated that city was responsible for install of water services to		a plantie			
	residences on Broken Bridge. Prior to allowing road work to continue in spring 2015 City indicated that the direction on the plans was					
	Incorrect and Liberty is responsible for the water services. City would					
	not let roadwork commence until this was agreed to. Road work		Transfer of			
	needed to be completed prior to getting final CO.	PISE				
CP25	needed to be completed prior to getting linar co.					
ct-14	Miller - Testing agency fees not included in original project estimate.	14,000.00	2,892,942.25	6,110.43	7,889.57	
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	plant forced by the best property	
Jul-14	CMK - Architectural fees not included in original project estimate.	152,600.00	3,045,542.25	163,149.18	(10,549.18)	
			0,0 10,0 12.20	200,210120	(20)0 101201	
Jul-14	Northpoint - Civil Engineering fees for building and roadwork not	102,561.00	3,148,103.25	133,344.86	(30,783.86)	
	included in original project estimate		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
ct-14	Securadyne - Security excluded from original North Branch contract	58,898.00	3,207,001.25	58,989.70	(91.70)	
					(
ct-14	City Fee - Traffic Impact fee not included in original project estimate	19,015.00	3,226,016.25	7		
				to a later of the same		
ct-14	City Fee - City of Concord Inspection Fee not included in original	33,300.00	3,259,316.25	and the state of the		
	project estimate	A LY ILLIAN TO				
ct-14	City Fee - Water Investment Fee not included in original project	2,595.00	3,261,911.25	64,692.85	(9,782.85)	
	estimate					
ov-14	FFE - Not included in original project estimate	23,810.00	3,285,721.25	23,810.78	(0.78)	WB Maso
ov-14 P = Change Proposal	FFE - Not included in original project estimate	23,810.00	3,285,721.25	23,810.78	(0.78)	WB Maso
	Difference in estimates/to-date costs above versus Excel spreadsheet	23,810.00	3,285,721.25	23,810.78	(22,044.07)	WB Maso
		23,810.00		23,810.78		WB Maso
		23,810.00		23,810.78		WB Maso
	Difference in estimates/to-date costs above versus Excel spreadsheet	23,810.00		23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above:	23,810.00	22,044.07	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees	23,810.00	22,044.07 8,607.25	23,810.78		WB Maso
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board	23,810.00	22,044.07 8,607.25 15,238.17	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33 2,312.92	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33 2,312.92 3,570.68	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases	23,810.00	8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing Instrument	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing Instrument Manhole Cover and Guard	23,810.00	8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing Instrument Manhole Cover and Guard NE Controls	23,810.00	8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing Instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Revenue (Permits/Fees)	23,810.00	8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60	23,810.78		WB Masc
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	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Labor (Elevator Inspection Fee) Reeds Ferry (Storage Shed)	23,810.00	8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing Instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Revenue (Permits/Fees) Reads Ferry (Storage Shed) RH White Freight	23,810.00	8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00 238,325.00	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Revenue (Permits/Fees) Reads Ferry (Storage Shed) RH White Freight Tools & Equipment	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00 238,325.00 783.03	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Labor (Elevator Inspection Fee) Reeds Ferry (Storage Shed) RH White Freight Tools & Equipment Shope Equipment	23,810.00	8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00 238,325.00 783.03 9,809.00	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Revenue (Permits/Fees) Reads Ferry (Storage Shed) RH White Freight Tools & Equipment	23,810.00	8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00 238,325.00 783.03 9,809.00 7,568.88 47,148.95	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing Instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Revenue (Permits/Fees) NH Dept. of Storage Shed) RH White Freight Tools & Equipment Shope Equipment Shope Equipment Company Labor Burdens	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00 238,325.00 783.03 9,809.00 7,568.88 47,148.95 287,072.30	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing Instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Cabor (Elevator Inspection Fee) Reeds Ferry (Storage Shed) RH White Freight Tools & Equipment Shope Equipment Company Labor Burdens Amount transferred to INATGAS CNG Facility Project 8840-ENICO110	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00 238,325.00 7,568.88 47,148.95 287,072.30 (287,299.20)	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Labor (Elevator Inspection Fee) Reeds Ferry (Storage Shed) RH White Freight Tools & Equipment Shope Equipment Company Labor Burdens Amount transferred to iNATGAS CNG Facility Project 8840-ENIC0110 Cost Code Adjustments	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00 238,325.00 783.03 9,809.00 7,568.88 47,148.95 287,072.30 (287,299.20) 6,715.08	23,810.78		WB Masc
	Difference in estimates/to-date costs above versus Excel spreadsheet Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing Instrument Manhole Cover and Guard NE Controls NH Dept. of Labor (Elevator Inspection Fee) Reeds Ferry (Storage Shed) RH White Freight Tools & Equipment Shope Equipment Company Labor Burdens Amount transferred to iNATGAS CNG Facility Project 8840-ENIC0110 Cost Code Adjustments AFUDC	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00 238,325.00 7,568.88 47,148.95 287,072.30 (287,299.20) 6,715.08 41,689.85	23,810.78		WB Mass
	Difference in estimates/to-date costs above versus Excel spreadsheet items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing Instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Revenue (Permits/Fees) NH Dept. of Labor (Elevator Inspection Fee) Reeds Ferry (Storage Shed) RH White Freight Tools & Equipment Shope Equipment Shope Equipment Company Labor Burdens Amount transferred to INATGAS CNG Facility Project 8840-ENIC0110 Cost Code Adjustments AFUDC Misc. Vendors	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00 238,325.00 783.03 9,809.00 7,568.88 47,148.95 287,072.30 (287,299.20) 6,715.08 41,689.85 7,380.00	23,810.78		WB Masc
	Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing Instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Labor (Elevator Inspection Fee) Reeds Ferry (Storage Shed) RH White Freight Tools & Equipment Shope Equipment Company Labor Burdens Amount transferred to INATGAS CNG Facility Project 8840-ENIC0110 Cost Code Adjustments AFUDC Misc. Vendors Materials/Supplies	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00 238,325.00 7,568.88 47,148.95 287,072.30 (287,299.20) 6,715.08 41,689.85 7,380.00 23,685.83	23,810.78		WB Masc
	Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing Instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Labor (Elevator Inspection Fee) Reeds Ferry (Storage Shed) RH White Freight Tools & Equipment Shope Equipment Company Labor Burdens Amount transferred to INATGAS CNG Facility Project 8840-ENIC0110 Cost Code Adjustments AFUDC Misc. Vendors Materials/Supplies Employee Reimbursements		8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00 238,325.00 783.03 9,809.00 7,568.88 47,148.95 287,072.30 (287,299.20) 6,715.08 41,689.85 7,380.00 23,685.83 1,147.32	23,810.78		WB Masc
	Items not included in 10-23-15 Project Cost Summary above: Contract employees Electric Meter Training Board Technology Cabling Electric Pole Technology Costs GZA Environmental P Card Purchases Pressure Testing Instrument Manhole Cover and Guard NE Controls NH Dept. of Revenue (Permits/Fees) NH Dept. of Labor (Elevator Inspection Fee) Reeds Ferry (Storage Shed) RH White Freight Tools & Equipment Shope Equipment Company Labor Burdens Amount transferred to INATGAS CNG Facility Project 8840-ENIC0110 Cost Code Adjustments AFUDC Misc. Vendors Materials/Supplies Employee Reimbursements	23,810.00	22,044.07 8,607.25 15,238.17 14,475.33 2,312.92 3,570.68 86,155.17 1,679.06 386.00 1,373.02 1,399.00 827.60 100.00 4,758.00 238,325.00 7,568.88 47,148.95 287,072.30 (287,299.20) 6,715.08 41,689.85 7,380.00 23,685.83	23,810.78		WB Maso

Attack most PB-2.4

Policy/Procedure: Control of Capital and Project Spending



Over Expenditure Spending Request Form

REQUESTED BY (Dept):	Michael G. Knott			
PROJECT# & DESCRIPTION:	Energy North Training Center			
ADDITIONAL DESCRIPTION:	Cost increase for the construction of the new training center			
	Original budget was \$1,028,100 and it is now \$2,347,000			
COST & MANHOURS:	\$1,318,900 Hrs			
REASON FOR REQUEST: (right click on box & select properties to check off)	Nonbudget Overbudget 🖂	Leading to the contract of the		
REQUESTOR SIGNATURE (name & signature):	Michael G. Knott			
APPROVED BY				
(name & signature):				
APPROVED BY (name & signature):				

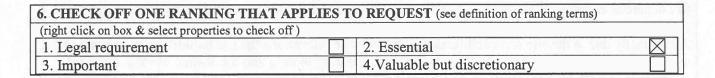
1. DESCRIPTION

The training facility was to be located on the southernmost property line of 0f lot 109-1-2. Due to the wetlands located on the property, and as the design further developed, it was in the interest of the permitting and construction process of the proposed building site to slide the building further away from the wetlands. This was intended to accommodate the required parking, circulation drives as required by fire department, and to allow the installation of a leak field that meets the requirements of the trainers.

Additionally due to the site soil conditions and groundwater elevations the site requires over excavation of underlying soils and the use of a dewatering process during footing and foundation work in order to pour concrete without restriction. The high water table requires considerable additional site drainage and an increase in the size of the storm water pond in order to create bearing capacity for the structures and the parking lot with under drains to provide water proofing and stability (\$422K total). Subcontractor bids for this project also came back much higher than anticipated. The price was raised by approximately \$600K due to these bids. Lastly, the aforementioned cost increases have driven higher soft costs (Architect, Civil Engineer, Construction Management etc.) by an additional \$150K . Placing a 15% contingency on these increases adds an additional \$175K.

2. WHAT WILL BE ACHIEVED BY THIS EXPENDITURE? (changes, improvements)

Policy/Procedure: Control of Capital and Project Spending
We will be able to train our employees in a safe and professional atmosphere.
3. WHY IS THIS EXPENDITURE NECESSARY?
The training center is necessary because we need to train our employees and the additional funds are needed due to the water table issues during construction.
4. WHAT ALTERNATIVES WERE CONSIDERED AND REJECTED? WHY?
We could have moved the training center which would be expensive as we would have to buy land. We could also send our employees to an outside trainer but this would be both expensive and would not be feasible due to the nature of our business.
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TO THE PROPERTY OF THE PROPERT
5. RISKS/CONSEQUENCES IF EXPENDITURE NOT APPROVED (provide dollar impact where possible)
The training center does not get built or it is built in a cheap manner and falls into quick disrepair.



Capital Expenditure Summary Form



LIBERTY UTILITIES - CAPITAL PROJECT EXPENDITURE APPLICATION

NI II. 1' P	HOME OFFICE
New Hampshire Energy	REF #:
North	
PROJECT TITLE:	EXPECTED PROJECT
Construct Training Center	TOTAL: 1,028,100
at Broken Bridge in Concord NH	
	Property of the second
PROJECT TYPE (circle one): System Maint / System Project / <u>Growth</u> / LXA	
PROJECT START DATE: January 2014	PROJECT END DATE: December 2014
CURRENT UTILITY	JOB COST/FWO #:
EARNINGS STATUS:	
Type of Capital Project:	
Growth	PAIL SALE
☐ Improvement Upgrades	A STATE OF THE STA
☐ Infrastructure Replacement	THE CONTRACT OF THE PERSON NAMED IN
The state of the s	
to be located on Broken Bridge Rd in Concord NH. There will be site work fi building will consist of office space, first and second floor classroom space, his	or a foundation, septic system and asphalt parking area. The masonry
ADA compliant restrooms. A well for potable water and fire suppression will also	the be installed.
ADA compliant restrooms. A well for potable water and fire suppression will also also stated to the suppression will also suppression. A well for potable water and fire suppression will also suppression will also suppression. A well for potable water and fire suppression will also suppression will also suppression. A well for potable water and fire suppression will also suppression will also suppression. A well for potable water and fire suppression will also suppression will also suppression. A well for potable water and fire suppression will also suppression will also suppression. A well for potable water and fire suppression will also suppression will also suppression.	be installed. FIC LOCATION (MAP) AND LIST APPLICABLE DEVELOPERS
ADA compliant restrooms. A well for potable water and fire suppression will also IS THIS PROJECT GROWTH RELATED? IF "YES", DESCRIBE THE SPECI	FIC LOCATION (MAP) AND LIST APPLICABLE DEVELOPERS /ICES REGARDING FUNDING). This is not growth related.
ADA compliant restrooms. A well for potable water and fire suppression will also IS THIS PROJECT GROWTH RELATED? IF "YES", DESCRIBE THE SPECT WHERE GROWTH WILL OCCUR (CONSULT WITH DEVELOPMENT SERV PERMITTING REQUIREMENTS, INCLUDING POTENTIAL IMPACT ON EX	FIC LOCATION (MAP) AND LIST APPLICABLE DEVELOPERS /ICES REGARDING FUNDING). This is not growth related. KISTING PERMITS, AND TIMING OF AND RISKS ASSOCIATED ting from the City of Concord.
ADA compliant restrooms. A well for potable water and fire suppression will also its this project growth related? If "YES", DESCRIBE THE SPECT WHERE GROWTH WILL OCCUR (CONSULT WITH DEVELOPMENT SERVICE) PERMITTING REQUIREMENTS, INCLUDING POTENTIAL IMPACT ON EXITY OBTAINING APPROPRIATE PERMITS FOR PROJECT. There is permit COST ESTIMATE FOR TOTAL PROJECT, NATURE OF ESTIMATE (FIRM FOR TOTAL PROJECT, NATURE OF ESTIMATE (FIRM FOR TOTAL PROJECT, NATURE OF ESTIMATE (FIRM FOR TOTAL PROJECT).	FIC LOCATION (MAP) AND LIST APPLICABLE DEVELOPERS VICES REGARDING FUNDING). This is not growth related. KISTING PERMITS, AND TIMING OF AND RISKS ASSOCIATED titing from the City of Concord. EXECUTED PRICE, INTERNALLY OR EXTERNALLY GENERATED), OST ESTIMATES.
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PROPOSED SOURCE OF FUNDS (COMPANY, DEV	ELOPER LXA, HU	JF, ETC.)				
CATEGORY & STATUS OF PROJECT		FINANCIAL SUMMARY					
(tick as appropriate)		NEXT ANTICIPATED TEST YEAR					
		Rate Recovery (over 18 months)				
Safety		Will this, and other approved projects, cause a rate shock		If yes, is custom affordability an			
Mandated Impending Regulatory Obligation							
mpending Regulatory Obligation tate Recovery-Immediate Return		Have Health & Safety implications been considered?		Yes			
Rate Recovery (3 to 6 months)	x	Has Environmen		Yes			
Rate Recovery (6 to 12 months)			es review been done?				
Rate Recovery (12 to 18 months)			inne Historia	model of the			
Was this Capital Expenditure included Yes in the Annual Budget?		What amount wa	as budgeted? 1,028,100		Seas I grand		
					MEDINE		
ANALYSIS OF PROJECT VALU	C	CAPITAL EXPI	ENDITURE BUDGET U	TILIZATION			
Design/Engineering	\$135K			Authorized	To be spent in:	WHA	
Material	\$351240			Amount	Current	Future	
External contractor costs	\$439,050				Year	Years	
Internal costs	\$15,000	(A) Capital budg		\$1,028,000	\$1,028,000		
Other costs (contingency)	\$87,810	(B) Over (under			Lackson Lander Alex		
Working capital requirements	1 1 2 2 4 1	_	Estimated Project Cost				
			ved Spend to Date Approval Requests				
		(L) Less I didic	• •				
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Project Total Cost	1,028,100	(F) (C-D-E) App Requested (curre					
Project Total Cost	1,028,100 Nam	Requested (curr		Date		Alter 1	
		Requested (curr	ent application)	Date			
Requesting Party	Nam	Requested (curr	ent application)	Date			
	Nam	Requested (curr	ent application)	Date		ABY N	
Requesting Party President – LU East	Nam	Requested (curr	ent application)	Date			
Requesting Party President – LU East Vice President Finance	Nam	Requested (curr	ent application)	Date			
Requesting Party President – LU East Vice President Finance CFO	Nam	Requested (curr	ent application)	Date			
Requesting Party President – LU East Vice President Finance CFO	Nam	Requested (curr	ent application)	Date			