Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CS00107

[redacted]

Work Classification

Category: [redacted]
Type: REL1
Type Desc: [redacted]
Work Type: Obsolescence

Ownership / Management

AWC:
Statewide: Yes
Owner: [redacted]
Manager:

Project Information

Status: Prelim Design Approved
SPS #:
AIS Score:
Associated Projects:
Assignment ID:
Patrol Find ID:

Budget Summary - Preferred Option

OCRC Approved 06/10/15

2016

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
1	[redacted]	Prelim	0	0 %	$2,100,000	$2,100,000
				2016 Total:	**$2,100,000**	**$2,100,000**
				Total Project:	**$2,100,000**	**$2,100,000**

Specific Project Proposal - Project #: CS00107 [redacted]

Project Option Summary

ID	Description	Segments	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)	Prfrd
O1	[redacted]	[redacted]	$2,100,000	$0	100 %	$0.00	$0.00	☑

Segments

ID	Title	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)
1	[redacted]	$2,100,000			$0.00	$0.00

Background / Scope

Issue:

[redacted]

The proposed scope of this project is to [redacted] in 2016.

Project Description:

Justification:

Eversource CT has experienced an [redacted]

[redacted]

Project Solution & Benefits:

The proposed scope of this project is to [redacted] in 2016. The [redacted] The estimated cost is $2.1M. There are approximately [redacted]

[redacted]

Substations planned for ACB replacement in 2016:

[redacted]

Project Alternatives:

Alternatives that were considered to address the [redacted] are:

- [redacted]

- [redacted] The estimated cost is $15k per breaker. Although it is less costly to [redacted] his alternative is not cost-effective on a life-cycle basis compared to [redacted]. Also, [redacted] driving the cost up and negating the potential savings. Lastly, this alternative does not move the company towards the goal of [redacted]

Project Timeline:

The entire project cost is in 2016. Material delivery is expected by the start of the third quarter of 2016 and installations will take place throughout the rest of the year, except as prohibited during the summer moratorium. Since

much of the [redacted]

Financial Evaluation:

A total of [redacted]. Engineering and detailed estimates for each one will be done throughout the year and therefore project specific detailed financial information is not available at this time. The primary cost of each installation is the material cost of the new vacuum breaker, which is approximately $20k each. The remaining cost of $10k per breaker is for Eversource labor to [redacted]

Other Considerations:

Revision / ACT Comments:

If we don't do this project, what will happen?

The [redacted]

Environmental

Water Pollution: No Change Soil Contamination: No Change Natural Habitats: No Change

Alternatives considered based on Environmental Impact or Description of Aspects Oil Spill Risks Considered? ☑

Safety Concerns With This Project? ☐

Explain:

External Stakeholders

Customer Impact / Involvement

Cust. Impacted:
Crit. Cust. Impacted:
Adjoining Property Owner Consent Required: ☐
Other Utility Pole Custodian Area: ☐
State Highway Permit Required: ☐

Approx. Pole Count (NU):
Approx. Pole Count (Other):
Town Hearing Required: ☐
Easement Required: ☐

Relocation / New Service

New Srvc. Contact:
Customer Type:
Request Number:

Requestor Type:
State Highway Project #:
Route #:

Specific Project Proposal - Project #: CS00107 [redacted]

Segment CS00107-01

General Information

Segment: [redacted]
Status: Prelim Design Approved
Segment Type: [redacted]
Town: [redacted]
Budget Year: 2016
Work Type: Other
Trimming Required: ☐
In Service Date: 12/31/2016
Description: [redacted].

Itemized Work List

ID	Major Grid	Minor Grid	Description of Work to be Performed
1	[redacted]	[redacted]	

Segment CS00107-01

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	0.00 %
SubTotal:	$2,100,000
Contingency Amount:	$0
Estimate:	$2,100,000
Reimbursement:	$0
Net Amount:	**$2,100,000**

Description: Replace 72 ACB's

Item Description	CU	$ / Per	Qty	Amount
OTHER	14-ALL14	[redacted]		$2,100,000.00
OTHER				

Associated / Impacted Devices

Status	Type / SysID	Street / Cross St	Structure / Town	Circuit	Map	Cust	Notes