Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CS00186

[redacted] Circuit Breaker Auto

Work Classification

Category: Substation
Type: SRCA
Type Desc: SS CIRCUIT BREAKER AUTOMATION
Work Type: Other Work

Ownership / Management

AWC: East Hampton
Statewide: No
Owner: [redacted]
Manager: [redacted]

Project Information

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

Budget Summary - Preferred Option

Automate 4 - 27.6 kV breakers

2017

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
1	Automate [redacted]	Prelim	0	0 %	$300,000	$300,000
				2017 Total:	**$300,000**	**$300,000**
				Total Project:	**$300,000**	**$300,000**

Specific Project Proposal - Project #: CS00186

[redacted] - Circuit Breaker Auto

Project Option Summary

ID	Description	Segments	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)	Prfrd
O1	Automate [redacted]	1	$300,000	$0	100 %	$0.00	$0.00	☑

Segments

ID	Title	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)
1	Automate [redacted]	$300,000			$0.00	$0.00

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[redacted] - Circuit Breaker Auto

Background / Scope

Issue:

There is an initiative to [redacted]

Project Description:

January 2016 - This is for ENG approval. The scope is to [redacted]. The estimated cost is $75k for each or $300k total. The ISD is 12/31/17.

Other Considerations:

Revision / ACT Comments:

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

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 #:

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Segment CS00186-01

General Information

Segment: 1 - [redacted]
Status: Prelim Design Approved
Segment Type: DSCADA
Town: WINDHAM
Budget Year: 2017
Work Type: Other
Trimming Required: ☐
In Service Date: 12/31/2017
Description: [redacted]

Itemized Work List

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

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[redacted] Circuit Breaker Auto

Segment CS00186-01

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	0.00 %
SubTotal:	$300,000
Contingency Amount:	$0
Estimate:	$300,000
Reimbursement:	$0
Net Amount:	**$300,000**
Description:	Automate 4 - 27.6 kV breakers

Item Description	CU	$ / Per	Qty	Amount
OTHER	15-ALL14	[redacted]	[redacted]	$300,000.00
OTHER				

Associated / Impacted Devices

Status	Type / SysID	Street / Cross St	Structure / Tow	Cust	Notes
Existing	[redacted]			1	
Existing				0	
Existing				0	
Existing				0	

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[redacted] - Circuit Breaker Auto

Segment CS00186-01

Reliability Projection

Title:

Outage Start Date: 01/01/2007 Outage End Date: 12/22/2015 Years History: 8.98

[redacted]