Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CS00124

[redacted] - OCB replacement

Work Classification

Category: [redacted]
Type: RBOE
Type Desc: ENVIRONMENTAL - [redacted]
Work Type: Other Work

Ownership / Management

AWC: Middletown
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

Preferred

2018

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
2	OCB replacement	Prelim	0	28 %	$1,280,000	$1,280,000
				2018 Total:	**$1,280,000**	**$1,280,000**
				Total Project:	**$1,280,000**	**$1,280,000**

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[redacted] - OCB replacement

Project Option Summary

ID	Description	Segments	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)	Prfrd
O1	Preferred	[redacted]	$1,280,000	$0	100 %	$0.00	$0.00	☑

Segments

ID	Title	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)
1	[redacted] Replacement	$280,000			$0.00	$0.00
2	OCB replacement	$1,280,000			$0.00	$0.00

Background / Scope

Issue:

The [redacted]. ISD 2016

Revision 1;

This project has been pushed out to 2018,
The new scope will include replacing the [redacted] OCB units with [redacted]. A total of [redacted] OCB single oil tank breakers will be replaced.

Project Description:

[redacted]

Engineering to verify and overcome all construction upgrades to allow the installation of a [redacted] in this position.

Revision 1;

The new scope will include the replacement of all remaining single tank OCB units. This is part of an OCB replacement program.

[redacted] was scheduled to be updated in 2022, we opted to go ahead and replace the [redacted] breakers sooner due to the failing [redacted]

Other Considerations:

To allow for the [redacted] OCB's to be replaced, [redacted]

Revision / ACT Comments:

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

By not upgrading the aging breaker, it could [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: Approx. Pole Count (NU):

Crit. Cust. Impacted: Approx. Pole Count (Other):

Adjoining Property Owner Consent Required: ☐ Town Hearing Required: ☐

Other Utility Pole Custodian Area: ☐ Easement Required: ☐

State Highway Permit Required: ☐

Relocation / New Service

New Srvc. Contact: Requestor Type:

Customer Type: State Highway Project #:

Request Number: Route #:

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Design Alternative CS00124-01

General Information

Segment: 1 - [redacted] Replacement
Status: Prelim Design Submitted
Segment Type: S/S - EQFSUBST
Town: [redacted]
Budget Year: 2016
Work Type: Other
Trimming Required: ☐
In Service Date: 12/31/2016
Description: Replace the existing [redacted] OCB with a [redacted]

Itemized Work List

ID	Major Grid	Minor Grid	Description of Work to be Performed

Design Alternative CS00124-01

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	12.00 %
SubTotal:	$250,000
Contingency Amount:	$30,000
Estimate:	$280,000
Reimbursement:	$0
Net Amount:	**$280,000**

Description: This is a basic OCB replacement cost value

Item Description	CU	$ / Per	Qty	Amount
OTHER	14-ALL14	[redacted]		$250,000.00
OTHER				

Associated / Impacted Devices

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

Reliability Projection

Title:

Outage Start Date: 01/01/2007 Outage End Date: 06/15/2015 Years History: 8.46

[redacted]

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Segment CS00124-02

General Information

Segment: [redacted] - OCB replacement
Status: Prelim Design Approved
Segment Type: ENVIRONMENTAL
Town: [redacted]
Budget Year: 2018
Work Type: Other
Trimming Required: ☐
In Service Date: 12/31/2018
Description: Replacement of remaining OCB units.
[redacted]

Itemized Work List

ID	Major Grid	Minor Grid	Description of Work to be Performed

Specific Project Proposal - Project #: CS00124

[redacted] - OCB replacement

Segment CS00124-02

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00 %
SubTotal:	$1,000,000
Contingency Amount:	$280,000
Estimate:	$1,280,000
Reimbursement:	$0
Net Amount:	**$1,280,000**

Description: Replace remaining 5 OCB

Item Description	CU	$ / Per	Qty	Amount
OTHER	15-ALL14	[redacted]		$1,000,000.00
OTHER				

Associated / Impacted Devices

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