EVERSOURCE
Project Authorization Form

Operations Project Authorization Form

Date Prepared: 3/31/2020	**Project Title: [redacted] Back up to [redacted] customers**
Company/ies: Eversource Ct.	**Project ID Number: CD01306**
Organization: Distribution Design	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: Reliability Improvement**
Project Manager: [redacted]	**Project Type: Specific**
Project Sponsor: [redacted]	**Project Purpose: Reliability**
Estimated in service date: 12/31/2021	**If Transmission Project: N/A**
Eng. /Constr. Resources Budgeted?	**Capital Investment Part of Original Operating Plan?**
Authorization Type: ENG	**O&M Expenses Part of the Original Operating Plan?**
Total Request: $ 239K	

Financial Requirements:

Project Authorization
ERM: _____

FP&A: _____

Executive Summary

[redacted]

3/31/2020- reading into minutes for 2021 plan.

Project Costs Summary

Note: Dollar values are in thousands

	Prior Authorized	2021	20__	20__+	Totals
Capital Additions - Direct	$0	$102	$0	$0	$102
Less Customer Contribution	$0	$0	$0	$0	$0
Removals net of Salvage ____%	$0	$31	$0	$0	$31
Total - Direct Spending	$0	$133	$0	$0	$133
Capital Additions - Indirect	$0	$93	$0	$0	$93
Subtotal Request	$0	$225	$0	$0	$225
AFUDC	$0	$2	$0	$0	$2
Total Capital Request	$0	$228	$0	$0	$228
O&M	$0	$11	$0	$0	$11
Total Request	$0	$239	$0	$0	$239

Financial Evaluation

Note: Dollar values are in thousands

Direct Capital Costs	Year 1	Year 2	Year 3+	Total
Straight Time Labor	$17	$0	$0	$17
Overtime Labor	$4	$0	$0	$4
Outside Services	$80	$0	$0	$80
Materials	$31	$0	$0	$31
Other, including contingency amounts (describe)	$1	$0	$0	$1
Total Direct Costs	**$133**	**$0**	**$0**	**$133**

Indirect Capital Costs	Year 1	Year 2	Year 3+	Total
Indirects/Overheads (including benefits)	$93	$0	$0	$93
Capitalized interest or AFUDC, if any	$2	$0	$0	$2
Total Indirect Costs	**$95**	**$0**	**$0**	**$95**
Total Capital Costs	**$227**	**$0**	**$0**	**$227**
Less Total Customer Contribution	**$0**	**$0**	**$0**	**$0**
Total Capital Project Costs	**$227**	**$0**	**$0**	**$227**
Total O&M Project Costs	**$58**	**$0**	**$0**	**$58**
Total Project Cost	**$239**	**$ -**	**$ -**	**$239**

Note: Explain unique payment provisions, if applicable

Technical Justification:

Project Need Statement

This project will create an [redacted].

Project Objectives

[redacted]

Project Scope

Option 1

[redacted]

Background / Justification

[redacted]

Business Process and / or Technical Improvements:

[redacted]

Alternatives Considered with Cost Estimates

Options	Work Breakdown	Total Cost	Comments
[redacted]	[redacted]	$ 239K	[redacted]
		$979K	
		$1.2M	
		$2.2M	
		$1.3M	

Option 2

[redacted]

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Preliminary Engineering Approval	June 2019
Detail Design	November 2020
Construction	June 2021

Regulatory Approvals

None

Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2021	Low	Included contingency costs in the funding request. Perform detailed Field Analysis and walk down in project development to avoid potential issues.
Customer Permission / Siting Council / Municipal approvals	2021	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach
Internal construction resources not available to perform the work.	2021	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Internal engineering resources not available to perform the work.	2021	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Storm delays	2021	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2021	Low	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if system will be abnormal for extended periods

Cost Estimate Backup Details

Budget Summary - Preferred Option — Approved Option

2021

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
1	[redacted] Back up [redacted] Customers	Prelim	0	28%	$238,576	$238,576
				2021 Total:	**$238,576**	**$238,576**
				Total Project:	**$238,576**	**$238,576**

Attachments (One-Line Diagrams, Images, etc.)

[redacted]Final #2.pdf

[redacted] ver 5.pdf

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