EVERSOURCE
Project Authorization Form

Operations Project Authorization Form

Date Prepared: March 18, 2021	**Project Title: Repl [redacted]**
Company/ies: Eversource CT	**Project ID Number: CD01694**
Organization: Distribution Electric	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: Line**
Project Manager: [redacted]	**Project Type: Emergent Equipment Failures-Line**
Project Sponsor: [redacted]	**Project Purpose: Replace Failed Equipment**
Estimated in service date: 4/30/2021	**If Transmission Project: PTF? N/A**
Eng. /Constr. Resources Budgeted? N	**Capital Investment Part of Original Operating Plan? N**
Authorization Type: Full Funding	**O&M Expenses Part of the Original Operating Plan? N**
Total Request: $135,081	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

This project is being established to cover the costs associated with replacement of a [redacted]

The cost for this replacement has been estimated using a detailed design work order estimate. Therefore, Full Funding authorization is requested for this project.

Project Costs Summary

	Prior Authorized	2021	2022	2023+	Totals
Capital Additions - Direct	$0	$53,862	$0	$0	$53,862
Less Customer Contribution	$0	$0	$0	$0	$0
Removals net of Salvage ____%	$0	$12,875	$0	$0	$12,875
Total - Direct Spending	$0	$66,738	$0	$0	$66,738
Capital Additions - Indirect	$0	$54,958	$0	$0	$54,958
Subtotal Request	$0	$121,696	$0	$0	$121,696
AFUDC	$0	$596	$0	$0	$596
Total Capital Request	$0	$122,292	$0	$0	$122,292
O&M	$0	$12,789	$0	$0	$12,789
Total Request	**$0**	**$135,081**	**$0**	**$0**	**$135,081**

Financial Evaluation

Direct Capital Costs	2021	2022	2023+	Total
Straight Time Labor	$11,476	$0	$0	$11,476
Overtime Labor	$11,940	$0	$0	$11,940
Outside Services	$28,010	$0	$0	$28,010
Materials	$14,705	$0	$0	$14,705
Other, including contingency amounts (describe)	$607	$0	$0	$607
Total Direct Costs	**$66,738**	**$0**	**$0**	**$66,738**

Indirect Capital Costs	2021	2022	2023+	Total
Indirects/Overheads (including benefits)	$54,958	$0	$0	$54,958
Capitalized interest or AFUDC, if any	$540	$0	$0	$540
Total Indirect Costs	**$55,498**	**$0**	**$0**	**$55,498**
Total Capital Costs	**$122,235**	**$0**	**$0**	**$122,235**
Less Total Customer Contribution	**$0**	**$0**	**$0**	**$0**
Total Capital Project Costs	**$122,235**	**$0**	**$0**	**$122,235**
Total O&M Project Costs	**$12,846**	**$0**	**$0**	**$12,846**
Total Project Cost	**$135,081**	**$0**	**$0**	**$135,081**

Note: Explain unique payment provisions, if applicable

Technical Justification:

Project Need Statement

Switch [redacted].

Project Objectives

[redacted].

Project Scope

[redacted]

Major Material:

1 - Type 422 38kV Vista switch, Item Number 532118

Background / Justification

[redacted]

[redacted]

Note: [redacted]

Business Process and / or Technical Improvements:

- [redacted]

Alternatives Considered with Cost Estimates

Due to the nature of this project, no alternatives were explored.

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Detail Design Engineering Complete	Completed
Full Funding Authorization	March 2021
Construction Complete	April 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	Medium	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. Most of this work will require system to be abnormal for any extended period of time.

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

1. Cost Estimate Backup Details



CD01694_project_needs_statement.pdf

2. Area Map



CD01694 Map.pdf