Operations Project Authorization Form

Date Prepared: 09/28/2021	**Project Title:** OH RELIAB IMPROVE [redacted]
Company/ies: Eversource CT	**Project ID Number: DR4D19**
Organization: Distribution	**Class(es) of Plant:** Distribution
Project Initiator: [redacted]	**Project Category: OH Reliability**
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Project Purpose: Improve Reliability**
Estimated in service date: 12/31/2019	**If Transmission Project: PTF?** N/A
Eng. /Constr. Resources Budgeted? Y	**Capital Investment Part of Original Operating Plan?** Y
Authorization Type: Final Design	**O&M Expenses Part of the Original Operating Plan?** N/A
Total Request: $734K	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

This request is for the approval of $734K for the construction which is required to [redacted]

This work was identified to correct reliability problems. This work includes installing devices, reconductoring, extending lines, and other circuit upgrades on poles to increase reliability such as installing Ampacs and replacing armless construction.

Project Costs Summary / Financial Evaluation

wo_number	wo_description	Initiation Date	In service Date	project	project_description	Total Amoun
4D720442	PATROL REPAIRS, [redacted] 101-399 C	1/11/2019	10/12/2017	DR4D	OH RELIAB IMPROVE [redacted]	$ 190,212
4D820529	MV- POLE WORK FOR THE [redacted]	2/22/2019	8/31/2018	DR4D	OH RELIAB IMPROVE [redacted]	$ 327,399
4D820297	MV-RR FOR THE [redacted]	2/27/2019	1/14/2019	DR4D	OH RELIAB IMPROVE [redacted]	$ 216,703
Total						$ 734,315

Technical Justification

Project Need Statement

It is necessary to perform this work to make [redacted]

Project Objectives

Install, or replace devices and assets to increase/correct reliability issues on specific circuits.

Project Scope

This work is done to [redacted] This work includes installing reclosers and sectionalizers, reconductoring (bare conductor to covered), converting an overhead (OH) line to underground (UG), line extensions to build loop scheme, installing arrestors, fusing transformers, installing ampac wedges, installing animal guards, replacing armless construction with crossarms and vise-top insulators. These installations/replacements work to correct reliability problems on the distribution system.

Major Material

- Transformers
- Fuses
- Lightning Arestors
- Hot Line Clamps
- AMPAC wedges
- Crossarms
- Animal guards
- Reclosers
- Messenger Guards
- Sectionalizers
- Bent Pins
- Guy/Anchors
- Stirrups
- Splices
- Reinforcements
- Vise-top insulators
- Pole replacement
- Covered conductor
- Underground cable

Background / Justification

This project will address circuits and assets that need to be repaired, replaced, or removed for the betterement of the system.

Business Process and / or Technical Improvements
N/A

Project Schedule:

Milestone/Phase Name	Estimated Completion Date
PAF approval Final Design	2019
Construction	January, 2019 – December, 2019

Regulatory Approvals: N/A

Risks and Risk Mitigation Plans: N/A

References: None

Attachments (One-Line Diagrams, Images, etc.): N/A