Operations Project Authorization Form

Date Prepared: 09/28/2021	**Project Title:** OH RELIAB IMPROVE [redacted]
Company/ies: Eversource CT	**Project ID Number: DR5D18**
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: 12/31/2018	**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: $1,847K	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

This request is for the approval of $1,847K 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
5D620965	PATROL REPAIRS - [redacted]	5/9/2018	9/21/2017	DR5D	OH RELIAB IMPROVE [redacted]	$ 550,035
5D621004	PATROL REPAIRS - [redacted]	5/9/2018	9/21/2017	DR5D	OH RELIAB IMPROVE [redacted]	$ 209,232
5D621007	PATROL REPAIRS - [redacted]	5/9/2018	9/21/2017	DR5D	OH RELIAB IMPROVE [redacted]	$ 185,768
5D621003	PATROL REPAIRS - [redacted]	5/9/2018	9/21/2017	DR5D	OH RELIAB IMPROVE [redacted]	$ 223,508
5D621081	PATROL REPAIRS - [redacted]	5/9/2018	9/21/2017	DR5D	OH RELIAB IMPROVE [redacted]	$ 474,122
5D720753	SC- [redacted] Reconductor	8/7/2018	6/11/2018	DR5D	OH RELIAB IMPROVE [redacted]	$ 204,249
Total						$ 1,846,914

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	2018
Construction	January, 2018 – December, 2018

Regulatory Approvals: N/A

Risks and Risk Mitigation Plans: N/A

References: None

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