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Operations Project Authorization Form

Project Title: Replace Failed Getaway [redacted]	**Project Number: CD02070**
Date Prepared: 07/27/2022	**Company:** Eversource CT
Organization: Electric Field Operations	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** Lines - UG Cable
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of original Operating Plan:** No
Estimated in service date: 8/10/2022	**Emergency Related Request?** Yes
Eng./Constr. Resources Budgeted? Yes	**Facility Type** (check all that apply): ☐ PTF ☐ non-PTF ☒ Distribution
Total Gross Capital Request: $ 357,257	**Authorization Type:** Full Funding

Executive Summary

An annual workorder, 9851673, was created to charge time and material to for this work. This project was created because the annual workorder exceeded the $100K threshold.

[redacted]

The work has been completed due to the emergency.

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Project Costs Summary

Note: Dollar values are in thousands

Capital Costs	Year 2022	Year 20__	Year 20__+	Total
Direct Capital Costs				
Internal Labor and Construction Equipment	39			
Outside Services	31			
Materials	161			
Removals				
Risk and Contingency				
Other	1			
Subtotal – Direct Costs	232			
Indirect Capital Costs				
Indirect/Overheads (including benefits)	123			
Capitalized interest or AFUDC, if any	2			
Subtotal – Indirect Costs	125			
Total Gross Capital Costs	**357**			357
Customer Contribution	0			
Total Net Capital Project Costs	**357**			

Technical Justification:

Project Need, Objective and Justification:

[redacted]

Project Scope:

- [redacted]

Major Material:

- 930 ft of 1000 kcmil Cu EPR cable

Background:

[redacted]

Alternatives Considered:

[redacted] Therefore, the overhead option was not practical.

Regulatory Approvals:

Are Regulatory body approvals needed for the project?
No

If yes, provide detailed regulatory approvals

Project Schedule

Milestone/Phase Name	Estimated Date
100% Engineering Completion	8/10/2022
Construction Start	7/24/2022
Testing/Commissioning	8/1/2022
In Service Date	8/5/2022

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Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2022	Medium	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	2022	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach.
Internal construction resources not available to perform the work.	2022	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.	2022	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Materials Shortage or long lead times	2022	High	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2022	Medium	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2022	High	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if system will be abnormal for extended periods.
Technological risks involving integration of new technology	2022	Low	Before use of new technology ensure support of standards and manufacturer. Schedule project to accommodate for extra time or ensure new technology is not on the critical path.
Wetlands / Environmentally sensitive area	2022	Low	Use of mats and specialty equipment, only work during certain times of the year.

Reference

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Pictures of Failed Cable.pdf

CD02070 Load Summary.pdf

Contractor Costs.pdf

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

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Financial Benefits	Year 2022	Year 20__	Year 20__	Year 20__
Capital				
O&M				
Other				
Total Financial Benefits				

Describe the estimated future Capital, O&M and/or Other benefits noted above:

What functional area(s) will these benefits be reflected in? Operations_____

A representative from the respective functional area is required to be included as a project approver.