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Operations Project Authorization Form

Project Title: [redacted]	**Project Number: CD02278**
Date Prepared: 06/19/2023	**Company:** Eversource CT
Organization: Electric Field Operations	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** LINE WORK FOR TRANSMISSION
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of original Operating Plan:** No
Estimated in service date: 10/15/2023	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? No	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution
Total Gross Capital Request: $1,445.8K (100% Reimbursable)	**Authorization Type:** Initial Funding

Executive Summary

[redacted]

[redacted]

[redacted] Dollars spent on this project are 100% reimbursable from Eversource Transmission.

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Project Costs Summary

Note: Dollar values are in thousands

Capital Costs	2023	2024	2025+	Total
Internal Labor and Construction Equipment	85.8	0.0	0.0	85.8
Outside Services	466.0	0.0	0.0	466.0
Materials	189.9	0.0	0.0	189.9
Removals	193.8	0.0	0.0	193.8
Other	9.4	0.0	0.0	9.4
Risk and Contingency	0.0	0.0	0.0	0.0
Subtotal	**945.0**	**0.0**	**0.0**	**945.0**

Indirect Capital Costs	2023	2024	2025+	Total
Indirects/Overheads (including benefits)	469.6	0.0	0.0	469.6
Capitalized interest or AFUDC, if any	31.2	0.0	0.0	31.2
Subtotal	**500.8**	**0.0**	**0.0**	**500.8**
Total Capital Costs (Gross)	**1,445.8**	**0.0**	**0.0**	**1,445.8**
Less Total Customer Contribution	**0.0**	**0.0**	**0.0**	**0.0**
Project Costs (Net)	**1,445.8**	**0.0**	**0.0**	**1,445.8**

Technical Justification:

Project Need, Objective and Justification:

[redacted]

[redacted]

Project Scope:

[redacted]

Major Material:

- (22) 45’ steel poles
- 4,600’ of 3 phase 556 tree wire.

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Alternatives Considered:

Were alternative solutions considered/applicable? Include any cost/benefit analysis.

Alternatives were considered (please describe below)

An alternative considered was to rebuild the [redacted]

Project Option Comparison

[redacted]		
Cost	$1.5M	$3M
Preferred option	X	

Regulatory Approvals:

Are Regulatory body approvals needed for the project?

No

Project Schedule

Milestone/Phase Name	Estimated Date
100% Engineering Completion	6/15/2023
Construction Start	8/1/2023
Testing/Commissioning	N/A
In Service Date	9/30/2023

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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.	2023	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	2023	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach.
Internal construction resources not available to perform the work.	2023	High	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.	2023	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Materials Shortage or long lead times	2023	High	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2023	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2023	Low	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	2023	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	2023	Medium	Use of mats and specialty equipment, only work during certain times of the year.

References:

CD02278_project_needs_statement.pdf

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

Primary Map.pdf