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Operations Project Authorization Form

Project Title: [redacted] **Replacement**	**Project Number:** CD02218
Date Prepared: 04/28/2023	**Company:** Eversource CT
Organization: Electric Field Operations	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** UG CABLE & EQUIPMNT REPLACEMNT
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of original Operating Plan:** No
Estimated in service date: 12/31/2024	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? No	**Facility Type** (check all that apply): ☐ PTF ☐ non-PTF ☒ Distribution
Total Gross Capital Request: $8.66M	**Authorization Type:** Initial Funding

Executive Summary

[redacted]

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Project Costs Summary

Capital Costs	2024	2025	2026+	Total
Direct Capital Costs				
Internal Labor and Construction Equipment	447.6	0.0	0.0	447.6
Outside Services	2,122.1	0.0	0.0	2,122.1
Materials	2,014.9	0.0	0.0	2,014.9
Removals	1,456.7	0.0	0.0	1,456.7
Other	38.1	0.0	0.0	38.1
Risk and Contingency	0.0	0.0	0.0	0.0
Subtotal	**6,079.4**	**0.0**	**0.0**	**6,079.4**
Indirect Capital Costs				
Indirects/Overheads (including benefits)	2,309.7	0.0	0.0	2,309.7
Capitalized interest or AFUDC, if any	267.9	0.0	0.0	267.9
Subtotal	**2,577.6**	**0.0**	**0.0**	**2,577.6**
Total Capital Costs (Gross)	**8,657.0**	**0.0**	**0.0**	**8,657.0**
Customer Contribution	**$0**	**$0**	**$0**	**$0**
Total Net Capital Project Costs	**8,657.0**	**0.0**	**0.0**	**8,657.0**

Technical Justification:

Project Need, Objective and Justification:

[redacted]

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Project Scope:

[redacted]

Background:

[redacted]

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Current Load Sheet:



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Alternatives Considered:

[redacted]

Regulatory Approvals:

Are Regulatory body approvals needed for the project?

No

Project Schedule

Milestone/Phase Name	Estimated Date
Preliminary Approval	June 2023
Detail Design Engineering	Sep 2024
Construction Start	March 2024
Construction Complete	December 2024

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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.	2024	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	2024	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach
Internal construction resources not available to perform the work.	2024	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.	2024	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Materials Shortage or long lead times	2024	Low	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2024	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2024	Medium	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if system will be abnormal for extended periods

References

None

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

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[redacted]maps.pdf


[redacted]worksheet.xlsx


CD02218_project_needs_statement.pdf