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Project Authorization Form

Operations Project Authorization Form

Date Prepared: 10/6/21	**Project Title: [redacted] Replacement**
Company/ies: Eversource CT	**Project ID Number: CD01844 Funded under PN101395**
Organization: Distribution Electric	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: Line**
Project Manager: [redacted]	**Project Type: DB Cable Replacement**
Project Sponsor: [redacted]	**Project Purpose: Reliability**
Estimated in service date: 12/31/2021	**If Transmission Project: PTF? N/A**
Eng. /Constr. Resources Budgeted? TBD	**Capital Investment Part of Original Operating Plan? N**
Authorization Type: Full Funding	**O&M Expenses Part of the Original Operating Plan? N**
Total Request: $115,200	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

This project calls to replace DB Cable on [redacted] in Berlin. This development feeds [redacted] commercial customers via [redacted]. On September 27, 2021 the section of three phase cable between riser pole [redacted] faulted. Crews isolated and yellow tagged the faulted cable for replacement. Prior to this outage, this section of cable faulted 2 additional times.

This project calls to replace [redacted] of three phase DB cable between pole [redacted] in conduit. Since this work exceeds the annual work order threshold, this project was created.

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Project Costs Summary

Note: Dollar values are in thousands

	Prior Authorized	2021	2022	2023+	Totals
Capital Additions - Direct	$0	$69.5	$0	$0	$69.5
Removals net of Salvage ____%	$0	$2.9	$0	$0	$2.9
Total - Direct Spending	$0	$72.4	$0	$0	$72.4
Capital Additions - Indirect	$0	$39.3	$0	$0	$39.3
Subtotal Request	$0	$111.7	$0	$0	$111.7
AFUDC	$0	$1.8	$0	$0	$1.8
Total Capital Request	$0	$113.5	$0	$0	$113.5
O&M	$0	$1.7	$0	$0	$1.7
Total Request	$0	$115.2	$0	$0	$115.2

Financial Evaluation

Note: Dollar values are in thousands

Direct Capital Costs	Year 1	Year 2	Year 3+	Total
Straight Time Labor	$1.7	$0	$0	$1.7
Overtime Labor	$1.1	$0	$0	$1.1
Outside Services	$63.5	$0	$0	$63.5
Materials	$6.1	$0	$0	$6.1
Other, including contingency amounts (describe)	($0.1)	$0	$0	($0.1)
Total Direct Costs	**$72.4**	**$0**	**$0**	**$72.4**

Indirect Capital Costs	Year 1	Year 2	Year 3+	Year 1
Indirects/Overheads (including benefits)	$39.3	$0	$0	$39.3
Capitalized interest or AFUDC, if any	$1.8	$0	$0	$1.8
Total Indirect Costs	**$41.1**	**$0**	**$0**	**$41.1**

Total Capital Costs	**$113.5**	**$0**	**$0**	**$113.5**

Total Capital Project Costs	**$113.5**	**$0**	**$0**	**$113.5**

Total O&M Project Costs	**$1.7**	**$0**	**$0**	**$1.7**

Total Project Cost	**$115.2**	**$ -**	**$ -**	**$115.2**

[redacted]

Technical Justification:

Project Need Statement

[redacted] has experienced three outages on the same section of primary between the [redacted]

Project Objectives

Replacing this failing cable will increase reliability.

Project Scope

The scope of work includes [redacted]

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Major Material:

[redacted]

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Full Funding Approval	October 7, 2021
Construction Start Date	November 1, 2021
Construction End Date	December 31,2021

Regulatory Approvals

N/A

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

White Oak Dr DB Replacement.pdf

CD01844_project_needs_statement.pdf

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