EVERSOURCE
Project Authorization Form

Operations Project Authorization Form

Project Title: [redacted] North Gate Reloc Fac	**Project Number: CD01875**
Date Prepared: 07/14/2022	**Company:** Eversource CT
Organization: Electric Field Operations	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** Line Relocations/Act of Public Authority
Project Manager: [redacted]	**Project Type:** Specific
Project Sponsor: [redacted]	**Capital Investment part of original Operating Plan:** Yes
Estimated in service date: June 1, 2022	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? Yes	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution
Total Gross Capital Request: $619.3K	**Authorization Type:** Full Funding

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

This project is being established to cover the costs associated with relocation of the [redacted]

[redacted]

CD01875 received initial funding of $332.2K at the December 23, 2021 CT PAC meeting. This full funding PAF is requesting $619.3K an increase of $287.3K (187%). The increase in cost was due to a change in scope caused by actual field conditions. During excavation it was determined the [redacted]

[redacted]

This project is 100% reimbursable by the associated substation project for the gate replacement at [redacted] The associated substation project number is CS00466.

Project Costs Summary

Note: Dollar values are in thousands

Capital Costs	2022	2023	2024+	Total
Direct Capital Costs				
Internal Labor and Construction Equipment	$8.2	$0	$0	$8.2
Outside Services	$263.3	$0	$0	$263.3
Materials	$97.8	$0	$0	$97.8
Removals	$0	$0	$0	$0
Risk and Contingency	$0	$0	$0	$0
Other	$0	$0	$0	$0
Subtotal	**$369.3**	**$0**	**$0**	**$369.3**
Indirect Capital Costs				
Indirect/Overheads (including benefits)	$245.9	$0	$0	$245.9
Capitalized interest or AFUDC, if any	$4.1	$0	$0	$4.1
Subtotal	**$250.0**	**$0**	**$0**	**$250.0**
Total Customer Contribution	$0	$0	$0	$0
Total Capital Project Costs	**$619.3**	**$0**	**$0**	**$619.3**

Technical Justification:

Project Need Statement

[redacted]

Project Objectives

[redacted]

Project Scope

The following is proposed to [redacted]

[redacted]

Major Material:

360' of 1000 CU EPR 3-1/C 5kC cable
1 – 8 x 14' manhole

Background / Justification

Substation project CS00466 has been established [redacted]

[redacted]

Business Process and / or Technical Improvements:

- Relocation of distribution facilities in conflict with substation construction.

Alternatives Considered with Cost Estimates

Due to the nature of this project, there are no reasonable alternatives to this project.

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Preliminary Approval	December 2021
Detailed Design	January 2022
Construction Start Date	April 2022
Construction End Date	June 2022

Regulatory Approvals

None

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	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.	2022	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Storm delays	2022	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2022	Medium	Schedule work to minimize system abnormal time. Most of this work will require system to be abnormal for any extended period of time.

References

None

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

ACT%20-%20CD01875%20Actuals.xlsx

CD01875 Project Maps.pdf

Test Pit Images.pdf

CD01875_Initial%20Funding%20PAF_So