EVERSOURCE
Project Authorization Form

Operations Project Authorization Form

Project Title: [redacted] **Load Transfer to** [redacted]	**Project Number: CD01724**
Date Prepared: 11/03/2022	**Company:** Eversource CT
Organization: Electric Field Operations	**Class(es) of Plant:** D Line
Project Initiator: [redacted]	**Project Category:** OVERLOADS-SPECIFIC PROJECTS
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: $706.1K	**Authorization Type:** Full Funding

Financial Requirements:

Project Authorization
ERM: _____

FP&A: _____

Executive Summary

This project is associated with the [redacted] New Service project CD01514. The addition of the [redacted]:

[redacted]

[redacted]

CD01724 was approved at the September 30, 2021, CT PAC meeting for $737K, $400K of which were direct costs. Construction is complete and this project is requesting full funding in the amount of $706.1K, a decrease of $30.9K. This full funding PAF is required since the actual direct charges are $460.2K or 115.1% of the approved direct charges. Actual project charges will always deviate to some degree from the estimated allocation because the estimating tool utilizes a 3-year historical average in allocating the estimated costs into cost element categories.

There was no change in scope to this project.

Project Costs Summary
Note: Dollar values are in thousands

Capital Costs	2021	2022	2023+	Total
Direct Capital Costs				
Internal Labor and Construction Equipment	$0	$12.1	$0	$12.1
Outside Services	$0	$181.8	$0	$181.8
Materials	$0	$209.3	$0	$209.3
Removals	$0	$57.0	$0	$57.0
Risk and Contingency	$0	$0	$0	$0
Other	$0	$0	$0	$0
Subtotal	**$0**	**$460.2**	**$0**	**$460.2**
Indirect Capital Costs				
Indirect/Overheads (including benefits)	$0	$235.5	$0	$235.5
Capitalized interest or AFUDC, if any	$0	$10.4	$0	$10.4
Subtotal	$0	**$245.9**	**$0**	**$245.9**
Total Customer Contribution	$0	$0	$0	$0
Total Capital Project Costs	**$0**	**$706.1**	**$0**	**$706.1**

Technical Justification:

Project Need Statement

The [redacted]

Project Objectives

[redacted]

Project Scope

[redacted]

[redacted]

Major Material:

Two 6' X 14' manholes
Two Cooper Nova reclosers.
3,340 feet of six inch conduit
1,115 feet of 1,000 kcmil Cu EPR
1,500 feet of 750 kcmil Al Aerial cable
650 feet of 1/0 ACSR tree wire

Background / Justification

The [redacted]

Business Process and / or Technical Improvements:

[redacted].

Alternatives Considered with Cost Estimates

[redacted]

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Preliminary Approval	10/1/2021
Detailed Design	12/31/2021
Settings Requested	11/1/2021
Construction Start Date	1/1/2022
Construction End Date	6/1/2022

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	Twenty Four percent 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	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.	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	Low	Schedule work to minimize system abnormal time. Most of this work will require system to be abnormal for any extended period.

References

None

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

Need Statement

CD01724_project_needs_statement.pdf

Construction Sketch Option Three

[redacted]supplying [redacted] Load.pdf

Protection single lines.

Option Three.

[redacted]

Option Two.

[redacted] Single line.pdf

Load Sheets.

Before

[redacted]

After



CD01514 Americold Project PAF's and Sketches.

\\nu.com\data\SharedData\UG Energy Delivery Shared\Specific Projects\Project Documentation\Central\Operations PAF\CD01724 PAF [redacted] Supply 1C03-73S Load\Attachments