EVERSOURCE
Project Authorization Form

Operations Project Authorization Form

Date Prepared: 4/5/2021	**Project Title: New Service Gateway [redacted]**
Company: Eversource CT	**Project ID Number: CD01714**
Organization: Distribution Electric	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: Line**
Project Manager: [redacted]	**Project Type: New Service**
Project Sponsor: [redacted]	**Project Purpose:**
Estimated in service date: 08/30/2021	**If Transmission Project: PTF? N/A**
Eng. /Constr. Resources Budgeted?	**Capital Investment Part of Original Operating Plan?**
Authorization Type: Full Funding	**O&M Expenses Part of the Original Operating Plan?**
Total Request: $ 271,254	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

In the town of [redacted] a new campground is being built. [redacted]

The campground will have 47 sites will trailers being permanently parked on site, with a general store and bath house.

There will be no customer contribution for this part of the job.

Project Costs Summary

Note: Dollar values are in thousands

	Prior Authorized	2021	2022	2023	Totals
Capital Additions - Direct	$0	$141	$0	$0	$141
Less Customer Contribution	$0	$0	$0	$0	$0
Removals net of Salvage ____%	$0	$6	$0	$0	$6
Total - Direct Spending	$0	$147	$0	$0	$147
Capital Additions - Indirect	$0	$110	$0	$0	$110
Subtotal Request	$0	$257	$0	$0	$257
AFUDC	$0	$4	$0	$0	$4
Total Capital Request	$0	$261	$0	$0	$261
O&M	$0	$10	$0	$0	$10
Total Request	$0	$271	$0	$0	$271

Financial Evaluation

Note: Dollar values are in thousands

Direct Capital Costs	Year 1	Year 2	Year 3+	Total
Straight Time Labor	$20	$0	$0	$20
Overtime Labor	$3	$0	$0	$3
Outside Services	$65	$0	$0	$65
Materials	$58	$0	$0	$58
Other, including contingency amounts (describe)	$1	$0	$0	$1
Total Direct Costs	**$147**	**$0**	**$0**	**$147**
Indirect Capital Costs	**Year 1**	**Year 2**	**Year 3+**	**Total**
Indirects/Overheads (including benefits)	**$110**	**$0**	**$0**	**$110**
Capitalized interest or AFUDC, if any	**$4**	**$0**	**$0**	**$4**
Total Indirect Costs	**$114**	**$0**	**$0**	**$114**
Total Capital Costs	**$261**	**$0**	**$0**	**$261**
Total Capital Project Costs	**$261**	**$0**	**$0**	**$261**
Total O&M Project Costs	**$10**	**$0**	**$0**	**$10**
Total Project Cost	**$ 271**	**$ -**	**$ -**	**$ 271**

Technical Justification:

Project Need Statement

This project has been established to convert [redacted], [redacted]
[redacted]
Separate work orders will be created for the direct buried work for the campground on the customers site.

Project Objectives

[redacted]

Project Scope

[redacted]

Major Material:

- 20 poles
- 3,200 feet 1/0 secondary
- 2,700 feet 1/0 single phase primary
- 3- 23kV step down transformers
- 7 -23kV transformers

Background / Justification

[redacted]

Business Process and / or Technical Improvements:

[redacted].

Alternatives Considered with Cost Estimates

[redacted], bring conversion to the customers location. $ 267k

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Preliminary Approval	4/15/2021
Detailed Design	5/15/2021
Construction Start Date	5/30/2021
Construction End Date	8/30/2021

Cost Estimate Backup Detail

Budget Summary - Preferred Option [redacted]

2021

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
2	Recond and Conver [redacted]	Prelim	0	20%	$271,254	$271,254
				2021 Total:	**$271,254**	**$271,254**
				Total Project:	**$271,254**	**$271,254**

Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2021	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	2021	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach.
Internal construction resources not available to perform the work.	2021	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.	2021	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Materials Shortage or long lead times	2021	Low	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2021	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2021	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	2021	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.

References

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

