EVERSOURCE
Project Authorization Form

Operations Project Authorization Form

Date Prepared: 10/31/2019	**Project Title:** [redacted] Phase 2
Company/ies: Eversource	**Project ID Number:** CD01384
Organization: Electric Distribution	**Class(es) of Plant:** Distribution
Project Initiator: [redacted]	**Project Category:** Line
Project Manager: [redacted]	**Project Type:** Spec Proj – New Service
Project Sponsor: [redacted]	**Project Purpose:** Provide Electric Service to new Customer
Estimated in service date: 06/30/2020	**If Transmission Project: PTF? N/A**
Eng. /Constr. Resources Budgeted?	**Capital Investment Part of Original Operating Plan?**
Authorization Type: Preliminary funding	**O&M Expenses Part of the Original Operating Plan?**
Total Request: $(334,000-35,515) = $298,485	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

[redacted]

Project Costs Summary

	Prior Authorized	2020	2021	2022+	Totals
Capital Additions - Direct	$0	$138,460	$0	$0	$138,460
Less Customer Contribution	$0	$0	$0	$0	$0
Removals net of Salvage ____%	$0	$9,820	$0	$0	$9,820
Total - Direct Spending	$0	$148,280	$0	$0	$148,280
Capital Additions - Indirect	$0	$167,847	$0	$0	$167,847
Subtotal Request	$0	$316,127	$0	$0	$316,127
AFUDC	$0	$6,442	$0	$0	$6,442
Total Capital Request	$0	$322,569	$0	$0	$322,569
O&M	$0	$11,431	$0	$0	$11,431
Total Request	$0	$334,000	$0	$0	$334,000

Financial Evaluation

Direct Capital Costs	Year 1	Year 2	Year 3+	Total
Straight Time Labor	$20,639	$0	$0	$20,639
Overtime Labor	$3,516	$0	$0	$3,516
Outside Services	$65,480	$0	$0	$65,480
Materials	$58,140	$0	$0	$58,140
Other, including contingency amounts (describe)	$504	$0	$0	$504
Total Direct Costs	**$148,280**	**$0**	**$0**	**$148,280**

Indirect Capital Costs	Year 1	Year 2	Year 3+	Total
Indirects/Overheads (including benefits)	$167,847	$0	$0	$167,847
Capitalized interest or AFUDC, if any	$6,217	$0	$0	$6,217
Total Indirect Costs	**$174,064**	**$0**	**$0**	**$174,064**
Total Capital Costs	**$322,344**	**$0**	**$0**	**$322,344**
Less Total Customer Contribution	**$35,515**	**$0**	**$0**	**$35,515**
Total Capital Project Costs	**$286,829**	**$0**	**$0**	**$286,829**
Total O&M Project Costs	**$11,656**	**$0**	**$0**	**$11,656**

Total Project Cost	**$ 298,485**	**$ -**	**$ -**	**$ 298,485**

Technical Justification:

Project Need Statement

[redacted]

Project Objectives

This project will provide electric service to phase 2 of this new development at [redacted]

Project Scope

[redacted]

Refer to map below

[redacted] Phase 2.

Major Material

- Padmount XF - 3ph ---------- 9
- 4/0 Al UG cable ----------4000'

Background / Justification

A customer is requesting a new service for phase 2 of their residential development at [redacted] in [redacted] There will be three buildings that have a total of 615 apartment units. Based on existing buildings of this type, it is estimated that the demand will be approximately [redacted]

Business Process and / or Technical Improvements:

[redacted]

Alternatives Considered with Cost Estimates

N/A

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Order Transformer	December 2019
Cable work	March 2020
Complete work	June 2020

Regulatory Approvals

N/A

Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2020	Low	Included contingency costs in the funding request. Perform detailed Field Analysis and walk down in project development to avoid potential issues.
Internal construction resources not available to perform the work.	2020	High	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Storm delays	2020	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2020	Low	Schedule work to minimize system abnormal time. Most of this work will require system to be abnormal for any extended period of time.

References

Load Projections

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

[redacted] Phase 2.

[redacted] PHASE 2 MAP.pdf

Feeder Layout

Cost Estimate Backup Details

CD01384_project_needs_statement.pdf