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Operations Project Authorization Form

Project Title: [redacted] **UG Relocation**	**Project Number: CD01298**
Date Prepared: 11/09/2022	**Company:** Eversource CT
Organization: Distribution Engineering	**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:** No
Estimated in service date: 12/31/2020	**Emergency Related Request?** No
Eng./Constr. Resources Budgeted? No	**Facility Type** (check all that apply): ☐ PTF ☐ non-PTF X Distribution
Total Gross Capital Request: 2,899.9K (Seg 1-3 $676.2K 50% reimbursement)	**Authorization Type:** Full Funding

Executive Summary

The [redacted] has contacted Eversource concerning CDOT Project 117-159. This project affects Eversource facilities on [redacted]. The CDOT scope of the project is to put a new CVS parking lot entrance on [redacted] lowering the grade of the sidewalk by 4 feet and widening the street to add additional parking spots. This will require Eversource to relocate our OH and UG facilities. In addition, [redacted]. Since [redacted] is a State road going through [redacted], the work is 50% reimbursable. Attached below is the guideline for reimbursements for Eversource facility relocations as determined by the legal department. This project is under trigger #1 in the attached table.



Updated utility relocation cost mem

Segments 1, 2 and 3 of this project is work required due to the state road widening and is 50% reimbursable with a customer contribution of $676,237.

Segment 5 is work required to [redacted]

CD01298 was approved at the May 22, 2019, CT PAC meeting for $1,086K, Construction is complete, and this project is requesting full funding in the amount of $2,900K, an increase of $1,814K or 167% over the preliminary funding approval.

A look at the financials for this project showed that majority of the final cost was due to "Outside Services" and "Overheads" at $1,190K and $1,252K respectively. The out-of-scope work for the civil portion of the job included replacing the sidewalk to the [redacted]

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Project Costs Summary

Dollar values are in thousands

Capital Costs	Year 2019	Year 2020	Year 2021	Year 2022	Total
Direct Capital Costs					
Internal Labor and Construction Equipment	2.2	21.6	1.3	11.6	36.8
Outside Services		2.9	710.5	477.0	1,190.3
Materials			219.2	117.9	337.1
Removals			2.0	36.7	38.7
Risk and Contingency					
Other	0.5	0.5	0.4	10.3	11.6
Subtotal – Direct Costs	2.7	24.9	933.4	653.5	1,614.6
Indirect Capital Costs					
Indirect/Overheads (including benefits)	3.2	39.0	612.9	597.3	1,252.4
Capitalized interest or AFUDC, if any		3.8	22.8	6.3	32.9
Subtotal – Indirect Costs	3.2	42.8	635.7	603.5	1,285.3
Total Gross Capital Costs	**6.0**	**67.8**	**1,569.1**	**1,257.1**	**2,899.9**
Customer Contribution				(676.2)	(676.2)
Total Net Capital Project Costs	**6.0**	**67.8**	**1,569.1**	**580.8**	**2,223.6**

Technical Justification:

The State of Connecticut has contacted Eversource concerning CDOT Project 117-159. This project affects Eversource facilities on [redacted]. The scope of the project is the State to put a new CVS parking lot entrance on [redacted] lowering the grade of the sidewalk by 4 feet and widening the street to add additional parking spots. This will require Eversource to relocate our OH and UG facilities. [redacted]

Segment 1, 2 and 3 is work required due to the state road widening and is 50% reimbursable. However, this reimbursable portion has not been received from the State yet. Con 40s are being prepared to send to the State for reimbursement.

Segment 5 is work required to [redacted]
This segment is not reimbursable.

[redacted]

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[redacted]

Major Material for the Project

- Padmount transformer
- Manholes
- Submersible transformer
- Hex hole
- Conduit
- 15kV UG Cable

Background

State DOT is requesting Eversource to relocate facilities in conflict with CDOT Project 117-159.

The [redacted]

Attached below is the guideline for reimbursements for Eversource facility relocations as determined by the legal department. This project is considered to be under trigger project #1 in the attached table

Updated utility relocation cost mem

Alternatives Considered:

Were alternative solutions considered/applicable? Include any cost/benefit analysis.

Project is a compliance obligation - no alternatives considered - no financial benefit

Regulatory Approvals:

Are Regulatory body approvals needed for the project?
No

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Initial Funding Authorization	April 2019
Detailed Design	September 2019
Construction Begin	April 2020
Construction End	December 2020

Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2020	Medium	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	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost if necessary.
Materials shortage or long lead times	2020	Medium	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2020	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2020	Medium	Schedule work to minimize system abnormal time. Install temporary bypasses/equipment if system will be abnormal for extended periods

References

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CD01298_project_needs_statement.pdf

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

CD01298 - [redacted]

CD01298 - [redacted]