# Operations Project Authorization Form

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|---|---|
| **Date Prepared: 8/22/21** | **Project Title: CDOT 33-001 [redacted] Cromwell** |
| **Company/ies: Eversource CT** | **Project ID Number: WO 3H820023 – ID 3H820023P** |
| **Organization: Distribution Electric** | **Class(es) of Plant: Distribution** |
| **Project Initiator: [redacted]** | **Project Category: OH-Reliability** |
| **Project Manager: [redacted]** | **Project Type: Specific** |
| **Project Sponsor: [redacted]** | **Project Purpose: Reliability** |
| **Estimated in service date: 6/24/2020** | **If Transmission Project: PTF? N/A** |
| **Eng. /Constr. Resources Budgeted? Y** | **Capital Investment Part of Original Operating Plan? N** |
| **Authorization Type: Final Funding** | **O&M Expenses Part of the Original Operating Plan? N** |
| **Total Request: $ 306K** | |

## Financial Requirements:

### Project Authorization

ERM: _____

FP&A: _____

### Executive Summary

Work order 3H820023 was created for CDOT 33-001 request to relocate poles on [redacted] in Cromwell. This project calls to relocate and reconductor with 336 TW from Pole 698 to Pole 970. Since this was a town project and the 1st relocation request for the area, this project is not reimbursable.

Since the work performed on the annual work order exceeded $100K, this project was created.

## Project Costs Summary / Financial Evaluation

*Note: Dollars are in thousands*

| | Prior Authorized | 2021 | 2022 | 2023+ | Totals |
|---|---|---|---|---|---|
| Capital Additions - Direct | $0 | $169.5 | $0 | $0 | $169.5 |
| Less Customer Contribution | $0 | $0 | $0 | $0 | $0 |
| Removals net of Salvage ____% | $0 | $0.2 | $0 | $0 | $0.2 |
| Total - Direct Spending | $0 | $169.7 | $0 | $0 | $169.7 |
| Capital Additions - Indirect | $0 | $116.3 | $0 | $0 | $116.3 |
| Subtotal Request | $0 | $286 | $0 | $0 | $286 |
| AFUDC | $0 | $0 | $0 | $0 | $0 |
| Total Capital Request | $0 | $286 | $0 | $0 | $286 |
| O&M | $0 | $19.5 | $0 | $0 | $19.5 |
| Total Request | **$0** | **$306** | **$0** | **$0** | **$306** |

## Financial Evaluation

*Note: Dollars are in thousands*

| Direct Capital Costs | 2021 | 2022 | 2023+ | Total |
|---|---|---|---|---|
| Straight Time Labor | $7.4 | $0 | $0 | $7.4 |
| Overtime Labor | $0.2 | $0 | $0 | $0.2 |
| Outside Services | $145.7 | $0 | $0 | $145.7 |
| Materials | $19.0 | $0 | $0 | $19.0 |
| Other, including contingency amounts (describe) | ($2.7) | $0 | $0 | ($2.7) |
| **Total Direct Costs** | **169.7** | **$0** | **$0** | **169.7** |

| Indirect Capital Costs | 2021 | 2022 | 2023+ | 2021 |
|---|---|---|---|---|
| Indirects/Overheads (including benefits) | $116.3 | $0 | $0 | $116.3 |
| Capitalized interest or AFUDC, if any | $0 | $0 | $0 | $0 |
| **Total Indirect Costs** | **$116.3** | **$0** | **$0** | **$116.3** |
| | | | | |
| **Total Capital Costs** | **$286** | **$0** | **$0** | **$286** |
| **Total O&M Project Costs** | **$19.5** | **$0** | **$0** | **$19.5** |

| | | | | |
|---|---|---|---|---|
| **Total Project Cost** | **$306** | **$ -** | **$ -** | **$306** |

## Technical Justification:

### Project Need Statement

This project is required to reconductor primary on to the relocated Frontier poles on [redacted] in Cromwell as part of CDOT 33-001 request.

### Project Scope

This project calls to:

- Reconductor [redacted] in Cromwell with 336 TW from relocated Frontier Poles 698 to Pole 970.

### Major Material

8,150' of 336 TW
10 Cutouts
22 Crossarms

### Background / Justification

This project is required as part of CDOT 33-001 request.

### Business Process and / or Technical Improvements

All work will be done to current specifications.

### Project Schedule

| Milestone/Phase Name | Estimated Completion Date |
|---|---|
| Project Initiation | 7/27/2018 |
| Project In-Service Date | 6/24/2020 |

### Regulatory Approvals

None needed

### 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 | Create a PAF if the Work Order cost exceeds $100k |
| 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. |
| Internal engineering resources not available to perform the work. | 2018 | Low | 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. |

**Attachments**

3H820023 sketch.pdf

3H820023 sketch part a.pdf