# Project Authorization Form

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|---|---|
| Date Prepared: 06/14/16 | Project Title: CL&P Voice Radio System |
| Company/ies: Eversource CT (T&D, Gas) | Project ID Number: VOCSYS1D |
| Organization: Telecommunications | Class(es) of Plant: General |
| Project Initiator: [redacted] | Project Category: Basic Business – ED |
| Project Owner/Manager: [redacted] | Project Type: *Specific* |
| Project Sponsor: [redacted] | Project Purpose: part of regulatory tracked program? No |
| Estimated in service date: 2016-2019 | If Transmission Project: NA |
| Supplement to Existing Authorization? No | Capital Investment Part of Original Operating Plan? Yes |
| Eng./Constr. Resources Budgeted? Yes | O&M Expenses Part of the Original Operating Plan? Yes |

## Project Authorization

*Project authorization must be in accordance with the approval levels included in the Delegation of Authority Policy (DOA).*

*If Chief Executive Officer or subsidiary board approval is required, document the review by Enterprise Risk Management (ERM) and Financial Planning and Analysis (FP&A)*

ERM: _____

FP&A: _____

## Executive Summary

The first low-band VHF conventional radios were installed in the 1970s and have been expanded upon and replaced as the need arose. [redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[1] Purchasing the frequencies required to cover CT will also provide 450MHz bandwidth in the Western MA service territory.

[redacted]

## Project Costs Summary

*Note: Dollar values are in thousands*

| | Prior Authorized* | 2016 | 2017 | 2018+ | Totals |
|---|---|---|---|---|---|
| Capital Additions - Direct | | $ 8,918 | $ 3,443 | $ 6,666 | $ 19,027 |
| Less Customer Contribution | | $ - | $ - | $ - | $ - |
| Removals net of Salvage | | | | | $ - |
| Total - Direct Spending | $ - | $ 8,918 | $ 3,443 | $ 6,666 | $ 19,027 |
| Capital Additions - Indirect | | $ 77 | $ 137 | $ 268 | |
| Subtotal Request | $ - | $ 8,995 | $ 3,580 | $ 6,934 | $ 19,509 |
| AFUDC | | $ 121 | $ 97 | $ 187 | |
| Total Request | $ - | $ 9,116 | $ 3,677 | $ 7,121 | $ 19,914 |

** to be completed if supplemental authorization is required*

## Financial Evaluation

*Provide the following financial information (attach additional detail if summarized items are significant or additional information is needed). Note: Dollar values are in thousands*

| Direct Capital Costs | Year 1 | Year 2 | Year 3+ | Total |
|---|---|---|---|---|
| Straight Time Labor | 83 | 149 | 290 | 522 |
| Overtime Labor | 0 | 0 | 0 | 0 |
| Outside Services | 890 | 838 | 1782 | 3510 |
| Materials | 1238 | 2101 | 3929 | 7268 |
| 450MHZ Frequencies | 6500 | | | 6500 |
| Other, including contingency amounts (describe) | 207 | 355 | 665 | 1227 |
| Total | 8914 | 3443 | 6666 | 19027 |

| Indirect Capital Costs | Year 1 | Year 2 | Year 3+ | Total |
|---|---|---|---|---|
| Indirects/Overheads (including benefits) | 77 | 137 | 268 | 482 |
| Capitalized interest or AFUDC, if any | 121 | 97 | 187 | 405 |
| Total | | | | 887 |

| | | | | |
|---|---|---|---|---|
| Total Capital Costs | | | | 19914 |
| Less Total Customer Contribution | | | | |
| **Total Capital Project Costs** | | | | 19914 |
| **Total O&M Project Costs** | | | | |