EVERSOURCE

Supplement Authorization Form

Project Title: [redacted]	**Project Number: CD00654**
Date Prepared: 08/26/2025	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** S/S ELIMINATION-LINE WORK
Initiating Organization: Distribution	**Project Type:** Specific
Project DDE: [redacted]	**Capital Investment part of 5-year plan?** Yes
Project Manager: [redacted]	**Emergency Related Request?** No
Project Sponsor: [redacted]	**Facility Type** (check all that apply): ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Current Authorized Amount: $5,732.8K	**Approved In-Service Date:** 12/31/2024
Supplement Request: $1,987.3K	**Estimated In-Service Date:** 06/15/2026
Total Capital Request: $7,720.0	**Authorization Type:** Supplement Request
	Reason: Cost Overage

1. Project Background

This supplemental request is for $1,987.3K.
The current authorized amount is $5,732.8K
The revised project total cost is $7,720.0K, an increase of 26%.

[redacted]

The project is 75% complete. All overhead work has been completed except for five reclosers to be installed in 2026. There was OH work last year that carried over, specifically recloser work and some of the reclosers that were put up by contractors were taken down by our internal projects crews because they were the bad Cooper Nova reclosers. The project is on hold due to the substation work not being funded in 2025. Next years work includes the getaway cable and the recloser work.

The spend to date is $6,534.4K.

2. Supplement Justification Overview

There were three changes in scope:

[redacted]

The balance of the increase is all due to the change in labor rates and loaders.

3. Supplement Justification Detail

The reasons for the project authorization supplement of $1,987.3K are described below.

- Scope change is required to r[redacted]. Additional cost $181.8K.
- Scope change is required to convert and [redacted]. Additional cost $145.4K.
- The cost to [redacted] is estimated to be $164K
- The balance of the increase is all due to the change in labor rates and loaders. Additional cost $1,496.1

4. Supplement Cost Summary (Project Total)

Capital Costs	To Date Spend	Prior Authorized	Supplement Request	Total (add PA and SR)
Internal Labor & Equipment	587.3	2.5	756.5	759.0
Outside Services	1,369.7	2,098.4	-728.7	1,369.7
Materials	626.0	971.5	-87.9	883.6
Removals	506.1	343.4	213.3	556.7
Risk and Contingency	0.0	400.0	-317.3	82.7
Other	30.8	0.0	30.8	30.8
SUBTOTAL Direct Cost	**3,119.8**	**3,815.8**	**-133.3**	**3,682.5**
Indirects / Overheads	3,131.2	1,906.6	1,847.4	3,754.0
AFUDC	283.4	10.3	273.1	283.4
SUBTOTAL Indirect Cost	**3,414.6**	**1,916.9**	**2,120.6**	**4,037.5**
TOTAL Capital Request	**6,534.4**	**5,732.7**	**1,987.3**	**7,720.0**
Less Total Customer Contribution				
TOTAL Project Cost	**6,534.4**	**5,732.7**	**1,987.3**	**7,720.0**

New Total Request by Year (if applicable)

Note: If multi-year project, include actuals for current and years past, and then show forecasted spend for upcoming years.

Capital Costs	2022	2023	2024	2025	2026	Projected Spend
Internal Labor & Equipment	0.3	2.5	483.2	101.2	171.7	759.0
Outside Services	158.5	797.2	242.8	171.2	0.0	1,369.7
Materials	0.0	544.3	219.8	-138.1	257.6	883.6
Removals	48.4	333.9	229.3	-105.5	50.6	556.7
Risk and Contingency					82.7	82.7
Other	0.0	5.2	30.2	-4.6	0.0	30.8
SUBTOTAL Direct Cost	**207.1**	**1,683.2**	**1,205.4**	**24.1**	**562.7**	**3,682.5**
Indirects / Overheads	154.8	749.6	1,755.1	471.6	622.8	3,754.0
AFUDC	10.3	56.6	159.7	56.8	0.0	283.4
SUBTOTAL Indirect Cost	**165.1**	**806.2**	**1,914.8**	**528.5**	**622.8**	**4,037.5**
TOTAL Capital Request	**372.3**	**2,489.4**	**3,120.2**	**552.5**	**1,185.6**	**7,720.0**
Less Total Customer Contribution						
TOTAL Project Cost	**372.3**	**2,489.4**	**3,120.2**	**552.5**	**1,185.6**	**7,720.0**

5. Lessons Learned

None.

EVERSOURCE

Supplement Authorization Form

Project Title: Eliminate 4.8 kV [redacted] Islanded Substation	Project Number: CD00654
Date Prepared: 08/30/2023	**Company:** Eversource CT
Organization: Distribution Engineering	**Project Category:** ISLANDED SUBSTATION PROGRAM
Project Initiator: [redacted]	**Project Type:** Specific
Initiating Organization: Distribution	**Capital Investment part of original Op Plan:** Yes
Project Manager: [redacted]	**Emergency Related Request?** No
Project Sponsor: [redacted]	**Facility Type** (check all that apply)**:** ☐ PTF ☐ non-PTF ☒ Distribution ☐ N/A (General Plant)
Required in service date: 12/31/2024	
Total Capital Request: $5,732.8 K	**Authorization Type:** Full Funding

1. Executive Summary

[redacted]

The ACT estimate is 108% of the partial estimate, $5,733,784/$5,307,910.

2. Project Cost Summary

Note: Dollar values are in thousands.

Financial Evaluation ($000's)

Capital Costs	2022	2023	2024	Total
Internal Labor and Construction Equipment	0.39359	2.1	0.0	2.5
Outside Services	185.59927	1,027.6	885.2	2,098.4
Materials	0.00000	496.5	475.0	971.5
Removals	21.15629	170.4	151.8	343.4
Risk and Contingency	27.92070	197.2	174.9	400.0
Other	0.00000	0.0	0.0	0.0
Subtotal	**235.1**	**1,893.9**	**1,686.9**	**3,815.8**

Indirect Capital Costs	2022	2023	2024	Total
Indirects/Overheads (including benefits)	154.8	932.0	819.8	1,906.6
Capitalized interest or AFUDC, if any	10.3	0.0	0.0	10.3
Subtotal	**165.1**	**932.0**	**819.8**	**1,916.9**
Total Capital Costs (Gross)	**400.2**	**2,825.9**	**2,506.7**	**5,732.8**
Less Total Customer Contribution	**0.0**	**0.0**	**0.0**	**0.0**
Project Costs (Net of Reimbursement)	**400.2**	**2,825.9**	**2,506.7**	**5,732.8**

Explain unique payment provisions, if applicable:

3. Technical Justification

Background, Project Need/Justification, and Project Scope

a. Background

[redacted]

b. Project Need

[redacted]

c. Project Scope

[redacted]

Major Material:

2023
700' 1000 Cu
69 Poles (67 are Eversource poles)
7600' 1/0 TW
1 Step Transformer
4 Reclosers
700' 336 Spacer Cable
7520' 556 Spacer Cable
1 GOLB

2024
500' 1000 Cu
90 Poles (All are Eversource poles)
8800' 1/0 TW
5 Step Transformers
5 Reclosers
1300' 336 TW

Alternatives Considered with Cost Estimates

[redacted]

1. Alternatives Considered

Project Option Comparison

Design Criteria	Option
[redacted]	

[redacted]

Authorization Type	Full	Full	Full
Capital Cost	$5,733K	$5,802K	$6,164K
Expense Cost	$159K	$160K	$170K
Total Cost	$5,892M	$5,962K	$6,334K
Preferred option	X		

2. Project Schedule

Add any additional milestones that are pertinent to the project.

Milestone/Phase Name	Estimated Date
Partial Approval	October 2021
Detailed Engineering Completion for work in 2023	December 2022
Detailed Engineering Completion for work in 2024	May 2023
Fully Funded	September 2023
In Service Date	December 2024

3. Regulatory Decisions

4. Codes and Standards

5. Risk and Contingencies

Contingencies:

Risk Mitigation:

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2023/2024	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	2023/2024	Low	Design to minimize customer impact. Project Preplanning and customer/community outreach.
Internal construction resources not	2023/2024	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.

available to perform the work.			
Internal engineering resources not available to perform the work.	2023/2024	Medium	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost.
Materials Shortage or long lead times	2023/2024	High	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2023/2024	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2023/2024	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	2023/2024	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.
Wetlands / Environmentally sensitive area	2023/2024	Low	Use of mats and specialty equipment, only work during certain times of the year.

6. References

References
1.
2.

3.
4.
5.

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

Attachment	Included in Submittal?
A. Cost Estimate	*YES*
B. P6 Schedule	*NO*
C. Geographic Map	*YES*
D. System and Station One-Lines	*YES*
E. Load summary	*YES*
F.	

Cost Estimate

Work Classification

Category: Line

Type: SRIS

Type Desc: ISLANDED SUBSTATION PROGRAM

Work Type:

Ownership / Management

AWC: Cheshire

Statewide: No

Owner [redacted]

Manager

Project Information

Status: Prelim Design Approved

SPS #:

AIS Score:

Associated Projects:

Assignment ID:

Patrol Find ID:

Budget Summary - Preferred Option

Convert Away the 12F2 and 12F5

2021

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
12	Convert [redacted]	Prelim	1	28%	$583,395	$583,395
11	Convert [redacted]	Prelim	1	28%	$1,395,908	$1,395,908
7	Convert [redacted]	Prelim	0	28%	$422,523	$422,523
6	Create Tie With [redacted]	Prelim	0	28%	$48,774	$48,774
3	Conver [redacted]	Prelim	1	28%	$425,789	$425,789
1	Create A New 13.8 kV Feeder	Prelim	0	28%	$227,550	$227,550
				2021 Total:	**$3,103,939**	**$3,103,939**

2022

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
14	Change [redacted]	Prelim	0	24%	$13,976	$13,976
10	Install MR on [redacted]	Prelim	0	28%	$72,023	$72,023
9	[redacted] convert up in ROW	Prelim	0	28%	$46,213	$46,213
8	Convert W Main, Create Tie w/[redacted]	Prelim	0	28%	$496,941	$496,941
5	Recond [redacted] 500 ft Getaway	Prelim	0	28%	$70,425	$70,425
2	Convert [redacted]	Prelim	0	28%	$1,504,393	$1,504,393
				2022 Total:	**$2,203,971**	**$2,203,971**
				Total Project:	**$5,307,910**	**$5,307,910**

Connecticut Light & Power
A Northeast Utilities Company

Specific Project Proposal - Project #: CD00654

Eliminate Islanded Sub [redacted]

Project Option Summary

ID	Description	Segments	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)	Prfrd
O4	Convert Away the [redacted]	1,2,3,5,6,7,8,9,10,11,12,14	$5,307,910	$0	100%	$0.00	$0.00	☑

Segments

ID	Title	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)
1	Create A New [redacted] Feeder	$227,550			$0.00	$0.00
2	Convert [redacted]	$1,504,393			$0.00	$0.00
3	Convert Cooper/Meridian/Cherry	$425,789			$0.00	$0.00
4	Recond [redacted] Getaway	$70,425			$0.00	$0.00
5	Recond [redacted] Getaway	$70,425			$0.00	$0.00
6	Create Tie With [redacted]	$48,774			$0.00	$0.00
7	[redacted]	$422,523			$0.00	$0.00
8	Convert W Main, Create Tie w/ [redacted]	$496,941			$0.00	$0.00
9	[redacted] convert up in ROW	$46,213			$0.00	$0.00
10	Install MR or [redacted]	$72,023			$0.00	$0.00
11	[redacted]	$1,395,908			$0.00	$0.00
12	Convert [redacted]	$583,395			$0.00	$0.00
13	Install Recloser Zone On [redacted]	$442,130			$0.00	$0.00
14	Change [redacted]	$13,976			$0.00	$0.00

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Segment CD00654-01

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$177,774
Contingency Amount:	$49,777
Estimate:	$227,550
Reimbursement:	$0
Net Amount:	**$227,550**

Description:

Item Description	CU	$ / Per	Qty	Amount
TRAFFIC OH/DB/UG - Traffic Control - Police Officer	15-ALL18	[redacted]		$5,000.00
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17			$7,019.20
UG CABLE DB/UG - 750/1000 - 3-1/C (3ph) Cu	16-UG114B			$67,200.00
CONDUIT UG-Ductline-up to 12 duct-Non- Traveled/Non-Paved	16-UG138			$37,760.00
POLE DB/UG - Riser - 3ph	16-UG146			$10,794.40
OTHER OTHER	15-ALL14			$50,000.00

reconfigure the [redacted] to bus breaker to the [redacted] feeder breaker with reclosing.

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Supplement Authorization Form

Segment CD00654-02

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$1,175,307
Contingency Amount:	$329,086
Estimate:	$1,504,393
Reimbursement:	$0
Net Amount:	**$1,504,393**
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17	[redacted]		$21,057.60
TRAFFIC OH/DB/UG - Traffic Control - Police Officer	16-ALL18			$172,105.00
POLE OH - POLE - 1ph (CL&P custodian) [redacted]	16-OH13			$5,768.00
SECTIONALIZE OH - Cutouts or Arresters - 1ph [redacted]	16-OH19			$1,371.20
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) [redacted]	16-OH25			$14,400.00
OH WIRE OH - Neutral [redacted]	16-OH31			$3,840.00
XF OH - OH XF - 1ph [redacted]	16-OH45			$8,438.40
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58			$2,140.80
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) [redacted]	16-OH25			$4,800.00

Segment			CD00654-02
OH WIRE OH - Neutral [redacted]	16-OH31	[redacted]	$1,280.00
XF OH - Stepdown - 1ph - on POLE [redacted]	16-OH49		$6,800.00
SECTIONALIZE OH - Cutouts or Arresters - 1ph [redacted]	16-OH19		$1,371.20
OH WIRE OH - Neutral [redacted]	16-OH31	[redacted]	$1,280.00
POLE OH - POLE - 1ph (CL&P custodian) [redacted]	16-OH13		$2,884.00
SECTIONALIZE OH - Cutouts or Arresters - 1ph [redacted]	16-OH19		$1,371.20
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) [redacted]	16-OH25		$14,400.00
OH WIRE OH - Neutral [redacted]	16-OH31		$2,880.00
XF OH - OH XF - 1ph [redacted]	16-OH45		$4,219.20
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58		$1,070.40
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) [redacted]	16-OH25		$4,800.00
XF OH - Stepdown - 1ph - on POLE [redacted]	16-OH49		$6,800.00
POLE OH - POLE - 3ph (CL&P custodian) [redacted]	16-OH14		$102,872.00

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Supplement Authorization Form

Segment			CD00654-02
OH WIRE OH - Neutral [redacted]	16-OH31	[redacted]	$15,360.00
XF OH - OH XF - 1ph [redacted]	16-OH45		$29,534.40
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58		$7,492.80
POLE OH - JUNCTION POLE - 3ph (CL&P custodian) [redacted]	16-OH14A		$81,832.80
SECTIONALIZE OH - Recloser - 3ph [redacted]	16-OH38		$47,989.60
SECTIONALIZE OH - Recloser - 3ph [redacted]	16-OH38		$47,989.60
SECTIONALIZE OH - Recloser - 3ph [redacted]	16-OH38		$47,989.60
OTHER OTHER [redacted]	15-ALL14		$4,000.00
POLE OH - POLE - 1ph (CL&P custodian) [redacted]	16-OH13		$31,724.00
SECTIONALIZE OH - Cutouts or Arresters - 1ph [redacted]	16-OH19		$1,371.20
OH WIRE OH - Neutral [redacted]	16-OH31		$4,800.00
OH WIRE OH - Remove circuit wire (1 phase) [redacted]	16-OH37		$3,600.00
XF OH - OH XF - 1ph [redacted]	16-OH45		$12,657.60
EQUIPMENT	16-OH56		$7,416.00

Segment			CD00654-02
OH - Conversion Prep Work - 1ph [redacted]			
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58	[redacted]	$3,211.20
OTHER OTHER [redacted]	16-ALL14		$2,000.00
POLE OH - POLE - 1ph (CL&P custodian) [redacted]	16-OH13		$8,652.00
SECTIONALIZE OH - Cutouts or Arresters - 1ph [redacted]	16-OH19		$1,371.20
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) [redacted]	16-OH25		$15,600.00
OH WIRE OH - Neutral [redacted]	16-OH31		$3,840.00
XF OH - OH XF - 1ph [redacted]	16-OH45		$4,219.20
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58		$1,070.40
XF OH - OH XF - 1ph [redacted]	16-OH45		$4,219.20
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58		$1,605.60
OTHER OTHER [redacted]	16-ALL14		$6,000.00
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) [redacted]	16-OH25		$4,800.00
OH WIRE	16-OH31		$1,280.00

Segment		CD00654-02
OH - Neutral [redacted]		
XF	16-OH49	$6,800.00
OH - Stepdown - 1ph - on POLE [redacted]		
OH WIRE	16-OH25	$9,600.00
[redacted]		
OH WIRE	16-OH25	$4,800.00
[redacted]		
OH WIRE	16-OH31	$1,280.00
OH - Neutral [redacted]		
XF	16-OH49	$6,800.00
OH - Stepdown - 1ph - on POLE [redacted]		
POLE	16-OH13	$2,884.00
OH - POLE - 1ph (CL&P custodian) [redacted]		
POLE	16-OH13	$2,884.00
OH - POLE - 1ph (CL&P custodian) [redacted]		
SECTIONALIZE	16-OH19	$1,371.20
OH - Cutouts or Arresters - 1ph [redacted]		
OH WIRE	16-OH25	$7,200.00
OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) [redacted]		
OH WIRE	16-OH31	$1,920.00
OH - Neutral [redacted]		
XF	16-OH45	$2,109.60
OH - OH XF - 1ph [redacted]		
EQUIPMENT	16-OH58	$535.20
OH - Conversion - CUTOVER [redacted]		
POLE	16-OH13	$5,768.00

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Segment			CD00654-02
OH - POLE - 1ph (CL&P custodian) [redacted]			
SECTIONALIZE OH - Cutouts or Arresters - 1ph [redacted]	16-OH19	[redacted]	$1,371.20
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) [redacted]	16-OH25		$14,400.00
XF OH - OH XF - 1ph [redacted]	16-OH45		$6,328.80
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58		$1,605.60
POLE OH - POLE - 1ph (CL&P custodian) [redacted]	16-OH13		$11,536.00
SECTIONALIZE OH - Cutouts or Arresters - 1ph [redacted]	16-OH19		$1,371.20
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) [redacted]	16-OH25		$28,800.00
OH WIRE OH - Neutral [redacted]	16-OH31		$4,800.00
XF OH - OH XF - 1ph [redacted]	16-OH45		$6,328.80
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58		$1,605.60
POLE OH - POLE - 3ph (CL&P custodian) [redacted]	16-OH14		$4,676.00
POLE OH - JUNCTION POLE - 3ph (CL&P custodian) [redacted]	16-OH14A		$23,380.80
SECTIONALIZE [redacted]	16-OH20		$2,315.20

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Segment			CD00654-02
north			
OH WIRE	16-OH26a	[redacted]	$55,440.00
[redacted]			
OH WIRE	16-OH31		$3,840.00
[redacted]			
XF	16-OH45		$4,219.20
OH - OH XF - 1ph			
[redacted]			
EQUIPMENT	16-OH58		$1,070.40
OH - Conversion - CUTOVER			
[redacted]			
OH WIRE	16-OH25		$4,800.00
[redacted]			
OH WIRE	16-OH31		$1,280.00
[redacted]			
XF	16-OH49		$6,800.00
[redacted]			
POLE	16-OH13		$8,652.00
[redacted]			
SECTIONALIZE	16-OH19		$1,371.20
[redacted]			
OH WIRE	16-OH25		$14,400.00
[redacted]			
OH WIRE	16-OH31		$3,840.00
[redacted]			
XF	16-OH45		$4,219.20
[redacted]			
EQUIPMENT	16-OH58		$1,070.40
[redacted]			

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Segment			CD00654-02
trumbull east			
POLE	16-OH13	[redacted]	$8,652.00
SECTIONALIZE	16-OH19		$1,371.20
OH WIRE	16-OH25		$21,600.00
OH WIRE	16-OH31		$3,840.00
XF	16-OH45		$4,219.20
EQUIPMENT	16-OH58		$1,070.40
OH WIRE	16-OH37A		$2,880.00
POLE	16-OH13		$5,768.00
SECTIONALIZE	16-OH19		$1,371.20
OH WIRE	16-OH25		$10,800.00
OH WIRE	16-OH31		$2,880.00
XF	16-OH45		$4,219.20
EQUIPMENT	16-OH58		$1,070.40

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Segment			CD00654-02
POLE [redacted]	16-OH13	[redacted]	$8,652.00
POLE [redacted]	16-OH13		$5,768.00
SECTIONALIZE [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH25		$25,200.00
OH WIRE [redacted]	16-OH31		$1,920.00
EQUIPMENT [redacted]	16-OH58		$1,605.60

EVERSOURCE

Supplement Authorization Form

Design Alternative CD00654-03

Estimate

	Preliminary Estimate Summary
Revision Number:	1
Contingency:	28.00%
SubTotal:	$332,648
Contingency Amount:	$93,141
Estimate:	$425,789
Reimbursement:	$0
Net Amount:	**$425,789**
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING [redacted]	16-ALL17	[redacted]		$7,019.20
OH WIRE [redacted]	16-OH28			$66,080.00
XF [redacted]	16-OH45			$4,219.20
XF [redacted]	16-OH46			$5,019.20
EQUIPMENT [redacted]	16-OH58			$1,605.60
OH WIRE [redacted]	16-OH29			$25,600.00
OH WIRE [redacted]	16-OH29			$71,680.00
XF [redacted]	16-OH45			$2,109.60
EQUIPMENT [redacted]	16-OH58			$2,140.80

Supplement Authorization Form

Design Alternative			CD00654-03
OH WIRE	16-OH37A	[redacted]	$640.00
OH WIRE	16-OH25	[redacted]	$4,800.00
DB CABLE	16-UG112	[redacted]	$7,600.00
XF	16-UG131	[redacted]	$6,299.20
POLE	16-UG146	[redacted]	$10,794.40
CONDUIT	16-UG152	[redacted]	$8,960.00
ENCLOSURE	16-UG143	[redacted]	$6,208.80
TRAFFIC	16-ALL18	[redacted]	$44,802.00
OH WIRE	16-OH26a	[redacted]	$43,120.00
XF	16-OH45	[redacted]	$4,219.20
XF	16-OH46	[redacted]	$5,019.20
EQUIPMENT	16-OH58	[redacted]	$3,211.20
OTHER	16-ALL14	[redacted]	$1,500.00

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Supplement Authorization Form

Design Alternative CD00654-04

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$55,019
Contingency Amount:	$15,405
Estimate:	$70,425
Reimbursement:	$0
Net Amount:	**$70,425**
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING [redacted]	16-ALL17	[redacted]		$7,019.20
UG CABLE [redacted]	16-UG114B			$48,000.00

Associated / Impacted Devices

Status	Type / SysID	Street / Cross St	Structure / Town	Circuit	Map	Cust	Notes
Existing	[redacted]	CHASE ST HANOVER RD	MERIDEN	[redacted]		0	
Existing		CHASE ST HANOVER RD	MERIDEN			965	

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Supplement Authorization Form

Segment CD00654-05

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$55,019
Contingency Amount:	$15,405
Estimate:	$70,425
Reimbursement:	$0
Net Amount:	**$70,425**
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17	[redacted]		$7,019.20
UG CABLE DB/UG - 750/1000 - 3-1/C (3ph) Cu	16-UG114B			$48,000.00

Segment CD00654-06

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$38,104
Contingency Amount:	$10,669
Estimate:	$48,774
Reimbursement:	$0
Net Amount:	**$48,774**
Description:	

Item Description	CU	$ / Per	Qty	Amount
TRAFFIC [redacted]	15-ALL18	[redacted]		$5,715.00
OH WIRE [redacted]	16-OH29			$12,288.00
SECTIONALIZE [redacted]	16-OH44			$20,566.40

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Supplement Authorization Form

Segment CD00654-07

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	28.00%
SubTotal:	$330,096
Contingency Amount:	$92,427
Estimate:	$422,523
Reimbursement:	$0
Net Amount:	**$422,523**
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17	[redacted]		$14,038.40
POLE [redacted]	15-OH14A			$43,839.00
POLE [redacted]	15-OH14			$40,915.00
XF [redacted]	15-OH45			$10,685.00
EQUIPMENT [redacted]	15-OH58			$4,683.00
TRAFFIC [redacted]	16-ALL18			$46,814.00
OH WIRE [redacted]	16-OH31			$3,840.00
OH WIRE [redacted]	16-OH25			$26,400.00
OH WIRE [redacted]	16-OH31			$1,280.00

Supplement Authorization Form

Segment			CD00654-07
XF	16-OH45	[redacted]	$4,219.20
EQUIPMENT	16-OH58		$2,676.00
DB CABLE	16-UG113		$10,080.00
DB CABLE	16-UG113		$16,800.00
POLE	16-UG146		$10,794.40
OH WIRE	16-OH25		$22,800.00
OH WIRE	16-OH31		$2,560.00
XF	16-OH45		$4,219.20
EQUIPMENT	16-OH58		$2,140.80
POLE	16-OH11		$3,752.00
OH WIRE	16-OH25		$10,800.00
OH WIRE	16-OH31		$1,280.00
XF	16-OH45		$4,219.20

Supplement Authorization Form

Segment			CD00654-07
EQUIPMENT	16-OH58	[redacted]	$1,070.40
POLE	16-OH13		$5,768.00
XF	16-OH49		$6,800.00
OH WIRE	16-OH25		$12,000.00
OH WIRE	16-OH31		$1,920.00
XF	16-OH45		$6,328.80
EQUIPMENT	16-OH58		$1,605.60
POLE	16-OH13		$5,768.00

Supplement Authorization Form

Segment CD00654-08

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	28.00%
SubTotal:	$388,235
Contingency Amount:	$108,706
Estimate:	$496,941
Reimbursement:	$0
Net Amount:	**$496,941**
Description:	Install 3-333's 13.8/4.8 kV steps on pole 84815

Item Description	CU	$ / Per	Qty	Amount
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17	[redacted]		$14,038.40
TRAFFIC OH/DB/UG - Traffic Control - Police Officer	16-ALL18			$87,080.00
POLE [redacted]	16-OH14			$9,352.00
POLE [redacted]	16-OH14A			$35,071.20
XF [redacted]	16-OH45			$2,109.60
XF [redacted]	16-OH46			$15,057.60
EQUIPMENT [redacted]	16-OH58			$4,816.80
OH WIRE [redacted]	16-OH25			$4,800.00
OH WIRE [redacted]	16-OH26b			$90,480.00

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Supplement Authorization Form

Segment			CD00654-08
POLE [redacted]	16-OH14	[redacted]	$9,352.00
XF [redacted]	16-OH45		$6,328.80
EQUIPMENT [redacted]	16-OH58		$3,211.20
OH WIRE [redacted]	16-OH37A		$2,240.00
UG CABLE [redacted]	16-UG151A		$14,600.00
UG CABLE [redacted]	16-UG151A		$14,600.00
UG CABLE [redacted]	16-UG151A		$14,600.00
XF [redacted]	16-UG131		$6,299.20
ENCLOSURE [redacted]	16-UG143		$6,208.80
SECTIONALIZE [redacted]	16-OH38		$47,989.60

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Supplement Authorization Form

Segment CD00654-09

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	28.00%
SubTotal:	$36,104
Contingency Amount:	$10,109
Estimate:	$46,213
Reimbursement:	$0
Net Amount:	**$46,213**
Description:	Step hanover st east of orange st

Item Description	CU	$ / Per	Qty	Amount
EQUIPMENT [redacted]	16-OH58	[redacted]		$2,140.80
XF [redacted]	16-OH45			$6,328.80
EQUIPMENT [redacted]	16-OH54			$1,800.00
DB CABLE [redacted]	16-UG112			$6,080.00
POLE [redacted]	16-UG146			$10,794.40
CONDUIT [redacted]	16-UG152			$8,960.00

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Supplement Authorization Form

Segment CD00654-10

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$56,268
Contingency Amount:	$15,755
Estimate:	$72,023
Reimbursement:	$0
Net Amount:	**$72,023**
Description:	

Item Description	CU	$ / Per	Qty	Amount
TRAFFIC OH/DB/UG - Traffic Control - Police Officer 15% of precontingency subtotal	16-ALL18	[redacted]		$8,278.00
SECTIONALIZE [redacted]	16-OH38			$47,989.60

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Supplement Authorization Form

Design Alternative CD00654-11

Estimate

	Preliminary Estimate Summary
Revision Number:	1
Contingency:	28.00%
SubTotal:	$1,090,553
Contingency Amount:	$305,355
Estimate:	$1,395,908
Reimbursement:	$0
Net Amount:	**$1,395,908**
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING [redacted]	16-ALL17	[redacted]		$21,057.60
OH WIRE [redacted]	16-OH37A			$24,960.00
OH WIRE [redacted]	16-OH31			$15,360.00
XF [redacted]	16-OH45			$21,096.00
XF [redacted]	16-OH46			$20,076.80
EQUIPMENT [redacted]	16-OH58			$7,492.80
OH WIRE [redacted]	16-OH29			$501,760.00
TRAFFIC OH/DB/UG - Traffic Control - Police Officer chase to orange	16-ALL18			$142,565.00
EQUIPMENT [redacted]	16-OH58			$9,633.60

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Supplement Authorization Form

Design Alternative			CD00654-11
POLE	16-OH14A	[redacted]	$187,046.40
DB CABLE	16-UG112	[redacted]	$3,040.00
XF	16-UG131		$6,299.20
ENCLOSURE	16-UG143		$6,208.80
POLE	16-UG146		$10,794.40
CONDUIT	16-UG152		$2,240.00
SECTIONALIZE	16-OH38		$47,989.60
OH WIRE	16-OH25		$4,800.00
OH WIRE	16-OH31		$1,280.00
XF	16-OH49		$6,800.00
POLE	16-OH13		$5,768.00
SECTIONALIZE	16-OH19		$1,371.20
OH WIRE	16-OH25		$10,800.00

Supplement Authorization Form

Design Alternative			CD00654-11
OH WIRE [redacted]	16-OH31	[redacted]	$1,280.00
XF [redacted]	16-OH45		$2,109.60
EQUIPMENT [redacted]	16-OH58		$535.20
POLE [redacted]	16-OH13		$5,768.00
SECTIONALIZE [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH25		$13,200.00
OH WIRE [redacted]	16-OH31		$2,560.00
XF [redacted]	16-OH45		$4,219.20
EQUIPMENT [redacted]	16-OH58		$1,070.40

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Supplement Authorization Form

Design Alternative CD00654-12

Estimate

	Preliminary Estimate Summary
Revision Number:	1
Contingency:	28.00%
SubTotal:	$455,777
Contingency Amount:	$127,618
Estimate:	$583,395
Reimbursement:	$0
Net Amount:	**$583,395**
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING [redacted]	16-ALL17	[redacted]		$7,019.20
OH WIRE [redacted]	16-OH29			$20,480.00
POLE [redacted]	16-OH13			$5,768.00
SECTIONALIZE [redacted]	16-OH19			$1,371.20
OH WIRE [redacted]	16-OH25			$9,600.00
OH WIRE [redacted]	16-OH31			$1,280.00
XF [redacted]	16-OH45			$4,219.20
EQUIPMENT [redacted]	16-OH58			$1,070.40
SECTIONALIZE [redacted]	16-OH38			$47,989.60

Supplement Authorization Form

Design Alternative			CD00654-12
OH WIRE [redacted]	16-OH37A	[redacted]	$3.20
SECTIONALIZE [redacted]	16-OH38		$47,989.60
SECTIONALIZE [redacted]	16-OH39A		$4,885.60
POLE [redacted]	16-OH13		$5,768.00
SECTIONALIZE [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH25		$7,200.00
OH WIRE [redacted]	16-OH31		$1,280.00
XF [redacted]	16-OH45		$4,219.20
EQUIPMENT [redacted]	16-OH58		$1,070.40
OH WIRE [redacted]	16-OH29		$138,240.00
OH WIRE [redacted]	16-OH31		$5,120.00
XF [redacted]	16-OH45		$6,328.80
EQUIPMENT [redacted]	16-OH58		$2,140.80

Supplement Authorization Form

Design Alternative			CD00654-12
POLE [redacted]	16-OH14A	[redacted]	$35,071.20
POLE [redacted]	16-OH14		$9,352.00
TRAFFIC [redacted]	16-ALL18		$63,631.00
POLE [redacted]	16-OH13		$5,768.00
SECTIONALIZE [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH25		$9,600.00
OH WIRE [redacted]	16-OH31		$1,280.00
XF [redacted]	16-OH45		$4,219.20
EQUIPMENT [redacted]	16-OH58		$1,070.40

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Supplement Authorization Form

Design Alternative CD00654-13

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$345,414
Contingency Amount:	$96,716
Estimate:	$442,130
Reimbursement:	$0
Net Amount:	**$442,130**
Description:	

Item Description	CU	[redacted]	Amount
SWITCHING [redacted]	16-ALL15	[redacted]	$14,048.80
TRAFFIC [redacted]	16-ALL18		$42,680.00
UG CABLE [redacted]	16-UG114		$109,968.00
CONDUIT [redacted]	16-UG137		$71,944.00
SECTIONALIZE [redacted]	16-OH38		$95,979.20
POLE [redacted]	16-UG146		$10,794.40

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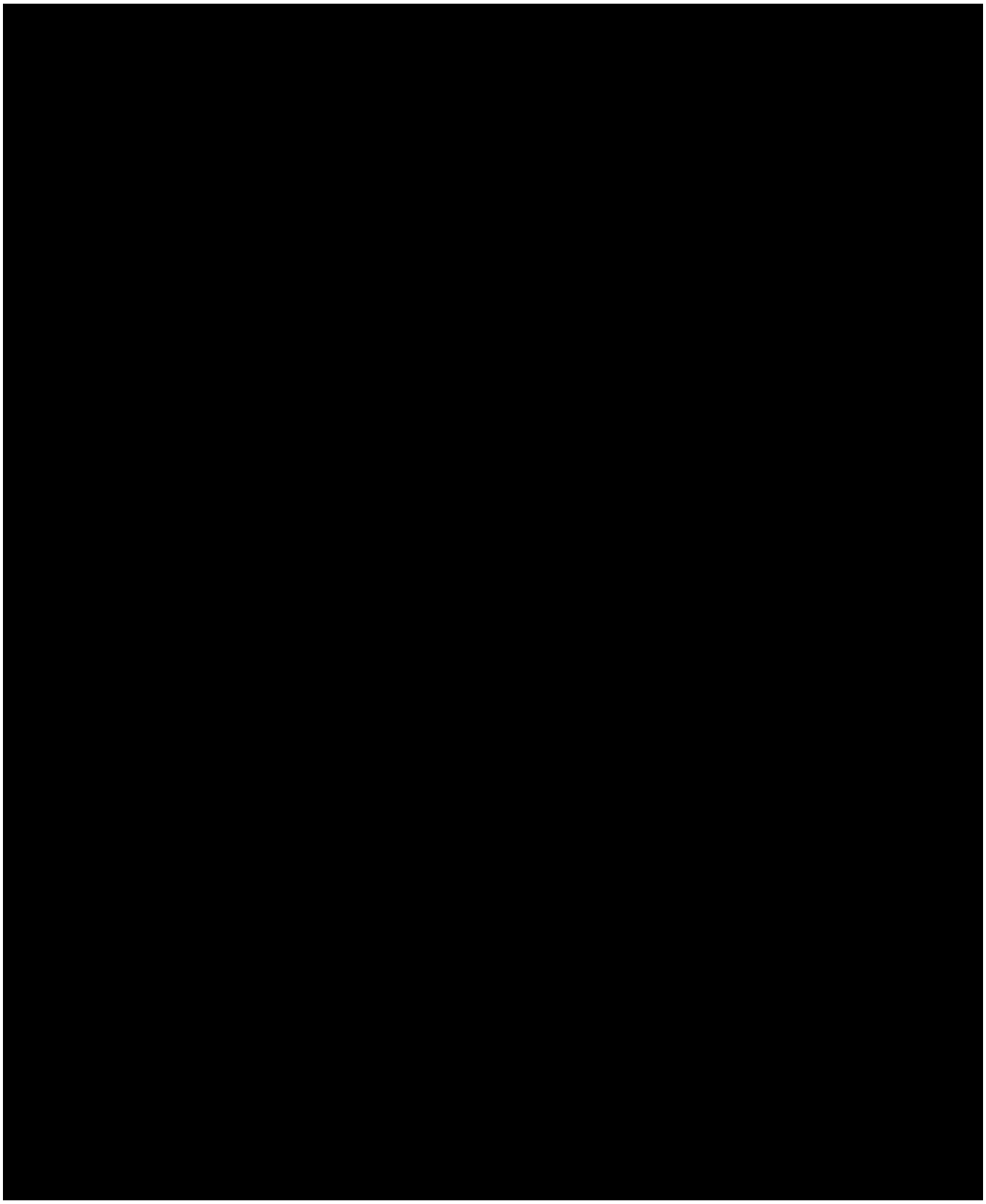
Supplement Authorization Form

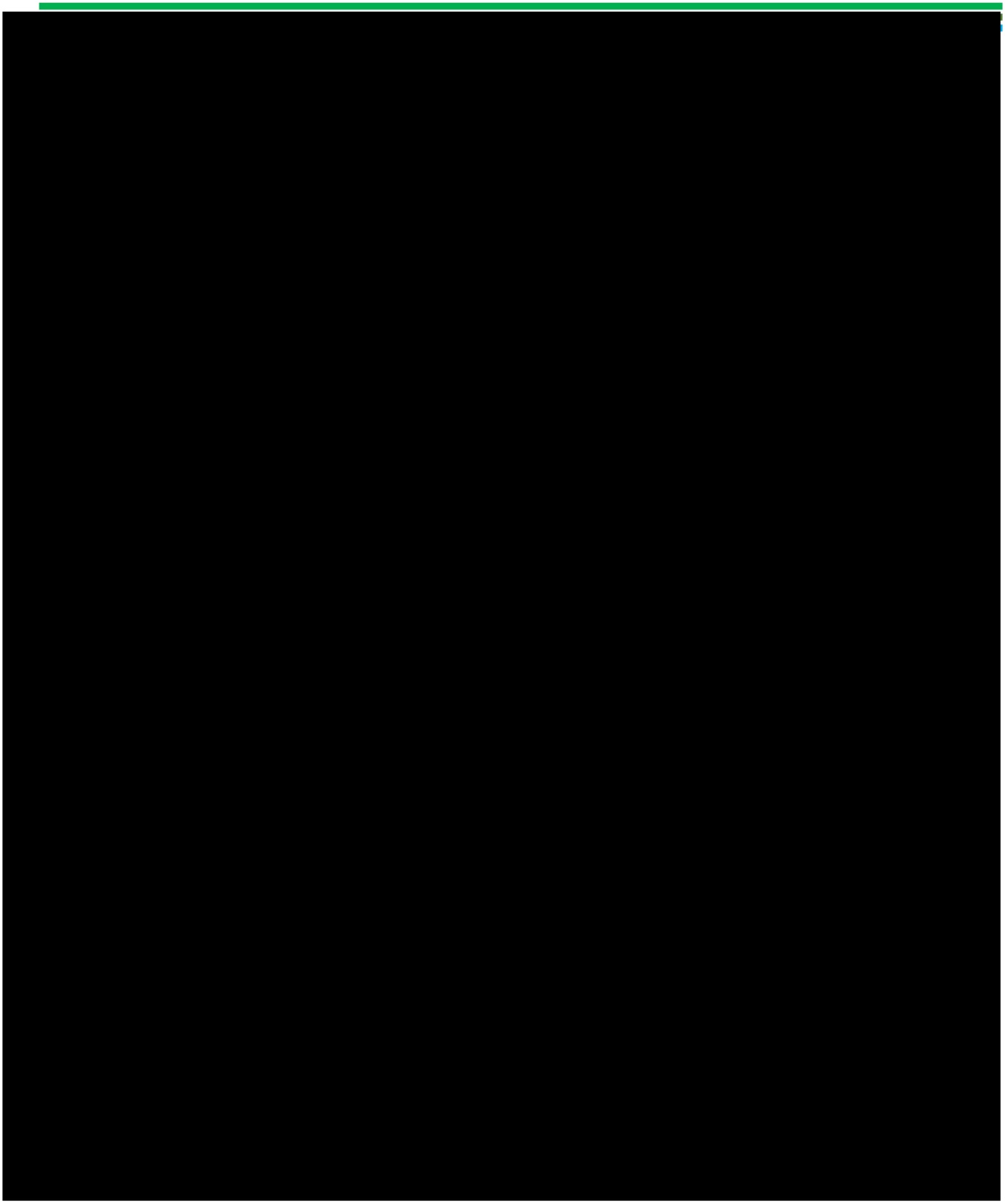
Segment CD00654-14

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	24.00%
SubTotal:	$11,271
Contingency Amount:	$2,705
Estimate:	$13,976
Reimbursement:	$0
Net Amount:	**$13,976**
Description:	

Item Description	CU	$ / Per	Qty	Amount
TRAFFIC OH/DB/UG - Traffic Control - Police Officer	16-ALL18	[redacted]		$1,500.00
SECTIONALIZE [redacted]	16-OH39A			$4,885.60
SECTIONALIZE [redacted]	16-OH39A			$4,885.60









Load summary

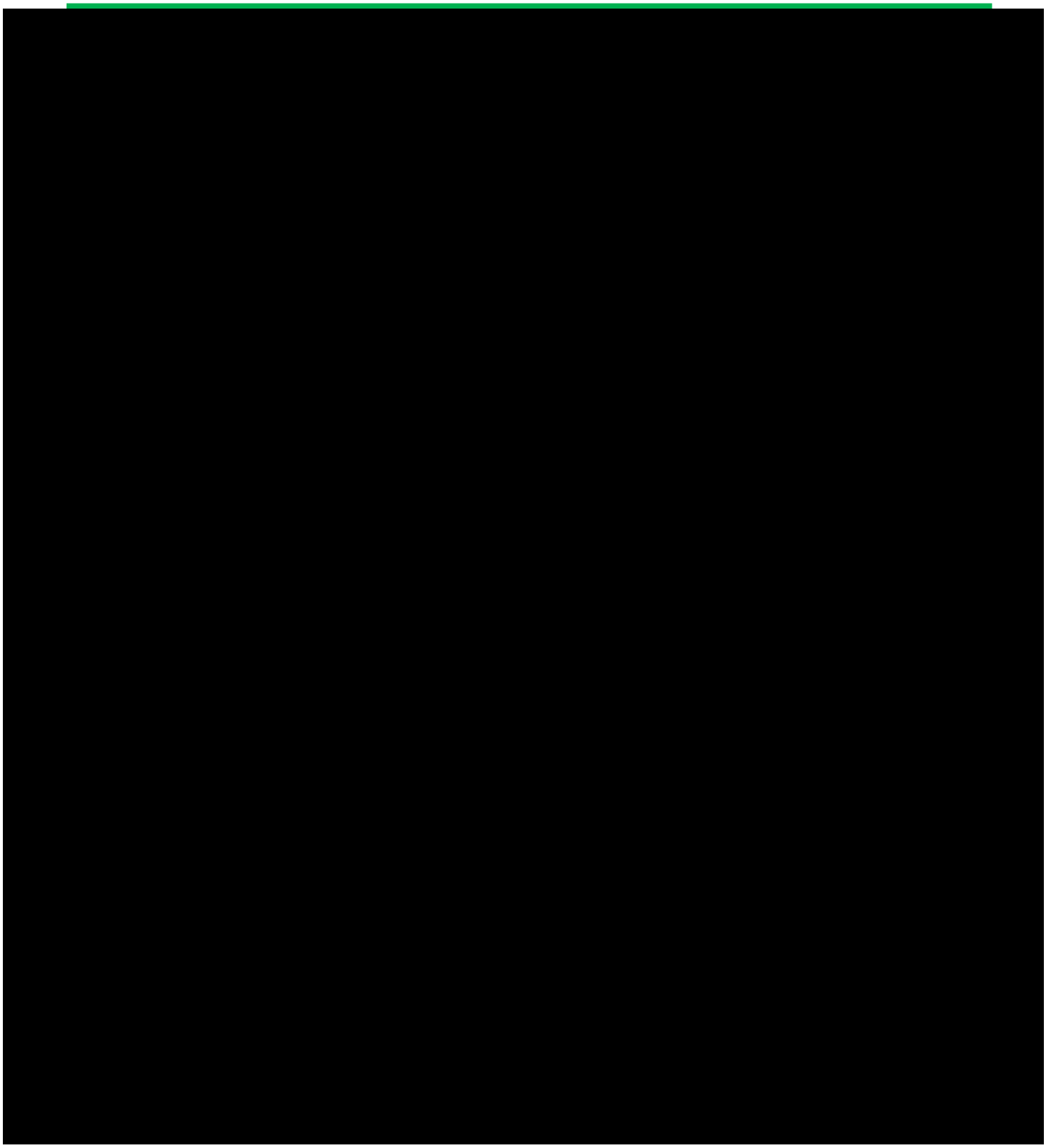


Supplement Authorization Form

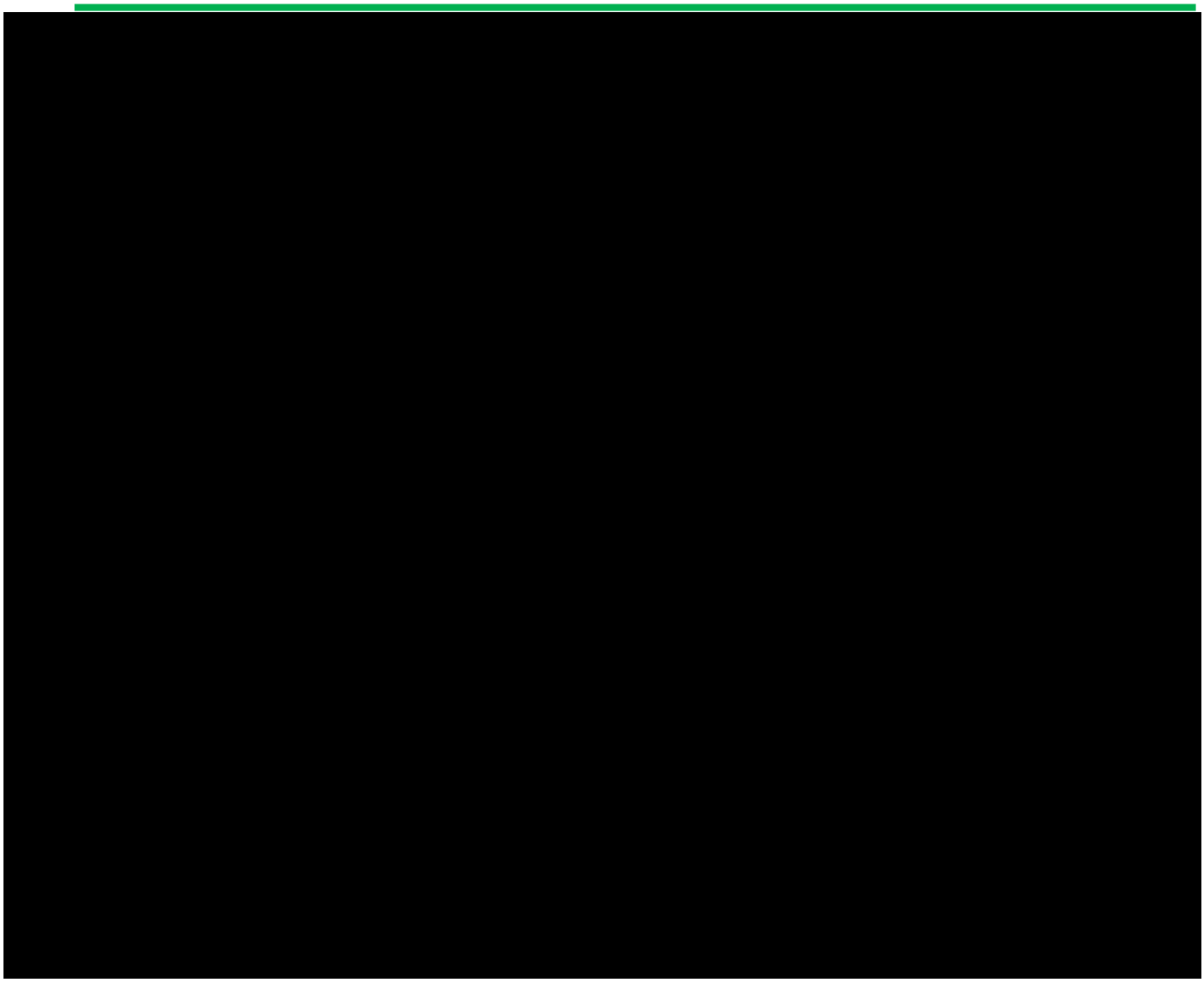








Supplement Authorization Form



Operations Project Authorization Form

Date Prepared: 06/17/2021	**Project Title:** [redacted]
Company/ies: Eversource CT	**Project ID Number: CD00654**
Organization: Distribution Engineering	**Class(es) of Plant: Distribution**
Project Initiator: [redacted]	**Project Category: Line**
Project Manager: [redacted]	**Project Type: Islanded Substation Program**
Project Sponsor: [redacted]	**Project Purpose:** [redacted]
Estimated in service date: 12/31/2024	**If Transmission Project: PTF? No**
Eng. / Constr. Resources Budgeted? Yes	**Capital Investment Part of Original Operating Plan? Yes**
Authorization Type: Preliminary Funding	**O&M Expenses Part of the Original Operating Plan? Yes**
Total Request: $5,307,910	

Financial Requirements:

Project Authorization

ERM: _____

FP&A: _____

Executive Summary

[redacted]

[redacted]

Project Costs Summary
Dollar values are in thousands

	Prior Authorized	2023	2024	2025+	Totals
Capital Additions - Direct	$0	$1,689	$1,199	$0	$2,889
Removals net of Salvage ____%	$0	$228	$162	$0	$390
Total - Direct Spending	$0	$1,917	$1,361	$0	$3,279
Capital Additions - Indirect	$0	$990	$703	$0	$1,694
Subtotal Request	$0	$2,908	$2,065	$0	$4,972
AFUDC	$0	$45	$32	$0	$77
Total Capital Request	$0	$2,952	$2,096	$0	$5,049
O&M	$0	$152	$108	$0	$259
Total Request	$0	$3,104	$2,204	$0	$5,308

Financial Evaluation
Dollar values are in thousands

Direct Capital Costs	2023	2024	2025+	Total
Straight Time Labor	$216	$154	$0	$370
Overtime Labor	$40	$28	$0	$68
Outside Services	$1,353	$960	$0	$2,313
Materials	$294	$208	$0	$502
Other, including contingency amounts (describe)	$15	$11	$0	$26
Total Direct Costs	**$1,917**	**$1,361**	**$0**	**$3,279**

Indirect Capital Costs	2023	2024	2025+	Total
Indirects/Overheads (including benefits)	$990	$703	$0	$1,694
Capitalized interest or AFUDC, if any	$43	$30	$0	$73
Total Indirect Costs	**$1,033**	**$733**	**$0**	**$1,766**
Total Capital Costs	**$2,950**	**$2,095**	**$0**	**$5,045**
Less Total Customer Contribution	**$0**	**$0**	**$0**	**$0**
Total Capital Project Costs	**$2,950**	**$2,095**	**$0**	**$5,045**
Total O&M Project Costs	**$154**	**$109**	**$0**	**$263**

Total Project Cost	**$ 3,104**	**$ 2,204**	**$ -**	**$5,308**

Technical Justification:

Project Need Statement

This project proposes to [redacted]

Project Objectives

[redacted]

[redacted]

Project Scope

[redacted]

Major Material

2023
700' 1000 Cu
69 Poles (67 are Eversource poles)
7600' 1/0 TW
1 Step Transformer
4 Reclosers
700' 336 Spacer Cable
7520' 556 Spacer Cable
1 GOLB

2024
500' 1000 Cu
90 Poles (All are Eversource poles)
8800' 1/0 TW

5 Step Transformers
5 Reclosers
1300' 336 TW

Background / Justification

[redacted]

Business Process and / or Technical Improvements:

[redacted]

Alternatives Considered with Cost Estimates

Segment 13: $442K, [redacted] This segment was not included in the project due to cost and will be a stand-alone project.

Project Schedule

Milestone/Phase Name	Estimated Completion Date
Initial Funding Authorization	October 2021
Detailed Design	December 2021
Full Funding Authorization	June 2022

Milestone/Phase Name	Estimated Completion Date
Construction Begin	January 2023
Construction End	December 2024

Regulatory Approvals

None

Risks and Risk Mitigation Plans

Risk Event	Risk Horizon	Likelihood of Occurrence	Risk Mitigation
Actual cost higher than estimated due to scope changes.	2023/2024	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.	2023/2024	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost if necessary.
Internal engineering resources not available to perform the work.	2023/2024	Low	Plan internal resources to perform the work. Use competitive bidding to ensure lowest outside labor cost if necessary.
Materials shortage or long lead times	2023/2024	Medium	Pre-order long lead time material; minimize the use of non-standard and non-stocked material.
Storm delays	2023/2024	Low	If storm activity delays work, we may be forced to use external resources.
System abnormal configuration	2023/2024	Medium	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	2023/2024	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.

Attachment	Included in Submittal?
A. Cost Estimate	*YES*
B. P6 Schedule	*NO*
C. Geographic Map	*YES*
D. System and Station One-Lines	*YES*
E. Load summary	*YES*

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Supplement Authorization Form

Cost Estimate

Work Classification

Category: Line
Type: SRIS
Type Desc: ISLANDED SUBSTATION PROGRAM
Work Type:

Ownership / Management

AWC: Cheshire
Statewide: No
Owner [redacted]
Manager [redacted]

Project Information

Status: Prelim Design Approved
SPS #:
AIS Score:
Associated Projects:
Assignment ID:
Patrol Find ID:

Budget Summary - Preferred Option

Convert Away the 12F2 and 12F5

2021

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
12	Convert [redacted]	Prelim	1	28%	$583,395	$583,395
11	Convert [redacted]	Prelim	1	28%	$1,395,908	$1,395,908
7	Convert [redacted]	Prelim	0	28%	$422,523	$422,523
6	Create Tie With [redacted]	Prelim	0	28%	$48,774	$48,774
3	Convert [redacted]	Prelim	1	28%	$425,789	$425,789
1	Create A New [redacted] Feeder	Prelim	0	28%	$227,550	$227,550
				2021 Total:	$3,103,939	$3,103,939

2022

ID	Title	Status	Rev #	Contingency	Expenditure Amount	Net Estimate
14	Change [redacted]	Prelim	0	24%	$13,976	$13,976
10	Install MR on [redacted]	Prelim	0	28%	$72,023	$72,023
9	[redacted] convert up in ROW	Prelim	0	28%	$46,213	$46,213
8	Convert [redacted] reate Tie w [redacted]	Prelim	0	28%	$496,941	$496,941
5	Recond [redacted]	Prelim	0	28%	$70,425	$70,425
2	Convert [redacted]	Prelim	0	28%	$1,504,393	$1,504,393
				2022 Total:	$2,203,971	$2,203,971
				Total Project:	$5,307,910	$5,307,910

Project Option Summary

ID	Description	Segments	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)	Prfrd
O4	Convert Away the [redacted]	1,2,3,5,6,7,8,9,10,11,12,14	$5,307,910	$0	100%	$0.00	$0.00	☑

Segments

ID	Title	Preliminary Estimate	Construction Estimate	Variance	IEEE $/CMS	All (w/Storm)
1	Create A New [redacted]	$227,550			$0.00	$0.00
2	Convert E[redacted]	$1,504,393			$0.00	$0.00
3	Convert [redacted]	$425,789			$0.00	$0.00
4	Recon [redacted] 00 ft Getaway	$70,425			$0.00	$0.00
5	Recon [redacted] 00 ft Getaway	$70,425			$0.00	$0.00
6	Create Tie With [redacted]	$48,774			$0.00	$0.00
7	Convert [redacted]	$422,523			$0.00	$0.00
8	Convert [redacted] Create Tie w/ [redacted]	$496,941			$0.00	$0.00
9	[redacted] convert up in ROW	$46,213			$0.00	$0.00
10	Install MR on [redacted]	$72,023			$0.00	$0.00
11	Convert [redacted]	$1,395,908			$0.00	$0.00
12	Convert [redacted]	$583,395			$0.00	$0.00
13	Install Recloser Zone On [redacted]	$442,130			$0.00	$0.00
14	Change [redacted]	$13,976			$0.00	$0.00

EVERSOURCE

Supplement Authorization Form

Segment CD00654-01

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	28.00%
SubTotal:	$177,774
Contingency Amount:	$49,777
Estimate:	$227,550
Reimbursement:	$0
Net Amount:	$227,550
Description:	

Item Description	CU	$ / Per	Qty	Amount
TRAFFIC OH/DB/UG - Traffic Control - Police Officer	15-ALL18	[redacted]		$5,000.00
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17			$7,019.20
UG CABLE DB/UG - 750/1000 - 3-1/C (3ph) Cu	16-UG114B			$67,200.00
CONDUIT UG-Ductline-up to 12 duct-Non- Traveled/Non-Paved	16-UG138			$37,760.00
POLE DB/UG - Riser - 3ph	16-UG146			$10,794.40
OTHER OTHER	15-ALL14			$50,000.00

[redacted]

EVERSOURCE

Supplement Authorization Form

Segment CD00654-02

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	28.00%
SubTotal:	$1,175,307
Contingency Amount:	$329,086
Estimate:	$1,504,393
Reimbursement:	$0
Net Amount:	$1,504,393
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17	[redacted]		$21,057.60
TRAFFIC OH/DB/UG - Traffic Control - Police Officer	16-ALL18			$172,105.00
POLE [redacted]	16-OH13			$5,768.00
SECTIONALIZE [redacted]	16-OH19			$1,371.20
OH WIRE [redacted]	16-OH25			$14,400.00
OH WIRE [redacted]	16-OH31			$3,840.00
XF [redacted]	16-OH45			$8,438.40
EQUIPMENT [redacted]	16-OH58			$2,140.80
OH WIRE [redacted]	16-OH25			$4,800.00

EVERSOURCE

Supplement Authorization Form

Segment			CD00654-02
OH WIRE [redacted]	16-OH31	[redacted]	$1,280.00
XF [redacted]	16-OH49		$6,800.00
SECTIONALIZE [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH31		$1,280.00
POLE [redacted]	16-OH13		$2,884.00
SECTIONALIZE [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH25		$14,400.00
OH WIRE [redacted]	16-OH31		$2,880.00
XF [redacted]	16-OH45		$4,219.20
EQUIPMENT [redacted]	16-OH58		$1,070.40
OH WIRE [redacted]	16-OH25		$4,800.00
XF [redacted]	16-OH49		$6,800.00
POLE [redacted]	16-OH14		$102,872.00

Supplement Authorization Form

Segment			CD00654-02
OH WIRE [redacted]	16-OH31	[redacted]	$15,360.00
XF [redacted]	16-OH45		$29,534.40
EQUIPMENT [redacted]	16-OH58		$7,492.80
POLE [redacted]	16-OH14A		$81,832.80
SECTIONALIZE [redacted]	16-OH38		$47,989.60
SECTIONALIZE [redacted]	16-OH38		$47,989.60
SECTIONALIZE [redacted]	16-OH38		$47,989.60
OTHER [redacted]	15-ALL14		$4,000.00
POLE [redacted]	16-OH13		$31,724.00
SECTIONALIZE [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH31		$4,800.00
OH WIRE [redacted]	16-OH37		$3,600.00
XF [redacted]	16-OH45		$12,657.60
EQUIPMENT	16-OH56		$7,416.00

Supplement Authorization Form

Segment			CD00654-02
OH - Conversion Prep Work - 1ph [redacted]			
EQUIPMENT [redacted]	16-OH58	[redacted]	$3,211.20
OTHER [redacted]	16-ALL14		$2,000.00
POLE [redacted]	16-OH13		$8,652.00
SECTIONALIZE [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH25		$15,600.00
OH WIRE [redacted]	16-OH31		$3,840.00
XF [redacted]	16-OH45		$4,219.20
EQUIPMENT [redacted]	16-OH58		$1,070.40
XF [redacted]	16-OH45		$4,219.20
EQUIPMENT [redacted]	16-OH58		$1,605.60
OTHER [redacted]	16-ALL14		$6,000.00
OH WIRE [redacted]	16-OH25		$4,800.00
OH WIRE	16-OH31		$1,280.00

Supplement Authorization Form

Segment		CD00654-02
OH - Neutral [redacted]		
XF [redacted]	16-OH49	$6,800.00
OH WIRE [redacted]	16-OH25	$9,600.00
OH WIRE [redacted]	16-OH25	$4,800.00
OH WIRE [redacted]	16-OH31	$1,280.00
XF [redacted]	16-OH49	$6,800.00
POLE [redacted]	16-OH13	$2,884.00
POLE [redacted]	16-OH13	$2,884.00
SECTIONALIZE [redacted]	16-OH19	$1,371.20
OH WIRE [redacted]	16-OH25	$7,200.00
OH WIRE [redacted]	16-OH31	$1,920.00
XF [redacted]	16-OH45	$2,109.60
EQUIPMENT [redacted]	16-OH58	$535.20
POLE	16-OH13	$5,768.00

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Supplement Authorization Form

Segment			CD00654-02
OH - POLE - 1ph (CL&P custodian) [redacted]			
SECTIONALIZE [redacted]	16-OH19	[redacted]	$1,371.20
OH WIRE [redacted]	16-OH25		$14,400.00
XF [redacted]	16-OH45		$6,328.80
EQUIPMENT [redacted]	16-OH58		$1,605.60
POLE [redacted]	16-OH13		$11,536.00
SECTIONALIZE [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH25		$28,800.00
OH WIRE [redacted]	16-OH31		$4,800.00
XF [redacted]	16-OH45		$6,328.80
EQUIPMENT [redacted]	16-OH58		$1,605.60
POLE [redacted]	16-OH14		$4,676.00
POLE [redacted]	16-OH14A		$23,380.80
SECTIONALIZE [redacted]	16-OH20		$2,315.20

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Supplement Authorization Form

Segment			CD00654-02
north			
OH WIRE [redacted]	16-OH26a	[redacted]	$55,440.00
OH WIRE [redacted]	16-OH31		$3,840.00
XF [redacted]	16-OH45		$4,219.20
EQUIPMENT [redacted]	16-OH58		$1,070.40
OH WIRE [redacted]	16-OH25		$4,800.00
OH WIRE [redacted]	16-OH31		$1,280.00
XF [redacted]	16-OH49		$6,800.00
POLE [redacted]	16-OH13		$8,652.00
SECTIONALIZE [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH25		$14,400.00
OH WIRE [redacted]	16-OH31		$3,840.00
XF [redacted]	16-OH45		$4,219.20
EQUIPMENT [redacted]	16-OH58		$1,070.40

Supplement Authorization Form

Segment			CD00654-02
[redacted]			
POLE [redacted]	16-OH13	[redacted]	$8,652.00
SECTIONALIZE [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH25		$21,600.00
OH WIRE [redacted]	16-OH31		$3,840.00
XF [redacted]	16-OH45		$4,219.20
EQUIPMENT [redacted]	16-OH58		$1,070.40
OH WIRE [redacted]	16-OH37A		$2,880.00
POLE [redacted]	16-OH13		$5,768.00
SECTIONALIZE [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH25		$10,800.00
OH WIRE [redacted]	16-OH31		$2,880.00
XF [redacted]	16-OH45		$4,219.20
EQUIPMENT [redacted]	16-OH58		$1,070.40

EVERSOURCE

Supplement Authorization Form

Segment		CD00654-02
POLE [redacted]	16-OH13	$8,652.00
POLE [redacted]	16-OH13	$5,768.00
SECTIONALIZE [redacted]	16-OH19	$1,371.20
OH WIRE [redacted]	16-OH25	$25,200.00
OH WIRE [redacted]	16-OH31	$1,920.00
EQUIPMENT [redacted]	16-OH58	$1,605.60

Supplement Authorization Form

Design Alternative CD00654-03

Estimate

Preliminary
Estimate Summary

Revision Number:	1
Contingency:	28.00%
SubTotal:	$332,648
Contingency Amount:	$93,141
Estimate:	$425,789
Reimbursement:	$0
Net Amount:	$425,789
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING [redacted]	16-ALL17	[redacted]		$7,019.20
OH WIRE [redacted]	16-OH28			$66,080.00
XF [redacted]	16-OH45			$4,219.20
XF [redacted]	16-OH46			$5,019.20
EQUIPMENT [redacted]	16-OH58			$1,605.60
OH WIRE [redacted]	16-OH29			$25,600.00
OH WIRE [redacted]	16-OH29			$71,680.00
XF [redacted]	16-OH45			$2,109.60
EQUIPMENT [redacted]	16-OH58			$2,140.80

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Supplement Authorization Form

Design Alternative			CD00654-03
OH WIRE	16-OH37A	[redacted]	$640.00
OH WIRE	16-OH25	[redacted]	$4,800.00
DB CABLE	16-UG112	[redacted]	$7,600.00
XF	16-UG131	[redacted]	$6,299.20
POLE	16-UG146	[redacted]	$10,794.40
CONDUIT	16-UG152	[redacted]	$8,960.00
ENCLOSURE	16-UG143	[redacted]	$6,208.80
TRAFFIC	16-ALL18	[redacted]	$44,802.00
OH WIRE	16-OH26a	[redacted]	$43,120.00
XF	16-OH45	[redacted]	$4,219.20
XF	16-OH46	[redacted]	$5,019.20
EQUIPMENT	16-OH58	[redacted]	$3,211.20
OTHER	16-ALL14	[redacted]	$1,500.00

EVERSOURCE

Supplement Authorization Form

Design Alternative CD00654-04

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	28.00%
SubTotal:	$55,019
Contingency Amount:	$15,405
Estimate:	$70,425
Reimbursement:	$0
Net Amount:	$70,425
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17	[redacted]		$7,019.20
UG CABLE DB/UG - 750/1000 - 3-1/C (3ph) Cu	16-UG114B			$48,000.00

Segment CD00654-05

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	28.00%
SubTotal:	$55,019
Contingency Amount:	$15,405
Estimate:	$70,425
Reimbursement:	$0
Net Amount:	$70,425
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17	[redacted]		$7,019.20
UG CABLE DB/UG - 750/1000 - 3-1/C (3ph) Cu	16-UG114B			$48,000.00

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Supplement Authorization Form

Segment CD00654-06

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	28.00%
SubTotal:	$38,104
Contingency Amount:	$10,669
Estimate:	$48,774
Reimbursement:	$0
Net Amount:	$48,774
Description:	

Item Description	CU	$ / Per	Qty	Amount
TRAFFIC OH/DB/UG - Traffic Control - Police Officer	15-ALL18	[redacted]		$5,715.00
OH WIRE OH - Reconductor w/Spacer Cable - 556 kcmil	16-OH29			$12,288.00
SECTIONALIZE OH - GOAB Switch	16-OH44			$20,566.40

EVERSOURCE

Supplement Authorization Form

Segment CD00654-07

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	28.00%
SubTotal:	$330,096
Contingency Amount:	$92,427
Estimate:	$422,523
Reimbursement:	$0
Net Amount:	$422,523
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17	[redacted]		$14,038.40
POLE [redacted]	15-OH14A			$43,839.00
POLE [redacted]	15-OH14			$40,915.00
XF [redacted]	15-OH45			$10,685.00
EQUIPMENT [redacted]	15-OH58			$4,683.00
TRAFFIC [redacted]	16-ALL18			$46,814.00
OH WIRE [redacted]	16-OH31			$3,840.00
OH WIRE [redacted]	16-OH25			$26,400.00
OH WIRE [redacted]	16-OH31			$1,280.00

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Supplement Authorization Form

Segment			CD00654-07
XF	16-OH45	[redacted]	$4,219.20
EQUIPMENT	16-OH58		$2,676.00
DB CABLE	16-UG113		$10,080.00
DB CABLE	16-UG113		$16,800.00
POLE	16-UG146		$10,794.40
OH WIRE	16-OH25		$22,800.00
OH WIRE	16-OH31		$2,560.00
XF	16-OH45		$4,219.20
EQUIPMENT	16-OH58		$2,140.80
POLE	16-OH11		$3,752.00
OH WIRE	16-OH25		$10,800.00
OH WIRE	16-OH31		$1,280.00
XF	16-OH45		$4,219.20

Supplement Authorization Form

Segment			CD00654-07
EQUIPMENT OH - Conversion - CUTOVER s first	16-OH58	[redacted]	$1,070.40
POLE OH - POLE - 1ph (CL&P custodian) s first balance of poles	16-OH13		$5,768.00
XF	16-OH49		$6,800.00
[redacted]			
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) s second	16-OH25		$12,000.00
OH WIRE OH - Neutral s second	16-OH31		$1,920.00
XF OH - OH XF - 1ph s second	16-OH45		$6,328.80
EQUIPMENT OH - Conversion - CUTOVER s second	16-OH58		$1,605.60
POLE OH - POLE - 1ph (CL&P custodian) s second balance of poles	16-OH13		$5,768.00

EVERSOURCE

Supplement Authorization Form

Segment CD00654-08

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	28.00%
SubTotal:	$388,235
Contingency Amount:	$108,706
Estimate:	$496,941
Reimbursement:	$0
Net Amount:	$496,941

Description: Install 3-333's 13.8/4.8 kV steps on pole 84815

Item Description	CU	$ / Per	Qty	Amount
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17	[redacted]		$14,038.40
TRAFFIC OH/DB/UG - Traffic Control - Police Officer	16-ALL18			$87,080.00
POLE OH - POLE - 3ph (CL&P custodian) [redacted]	16-OH14			$9,352.00
POLE OH - JUNCTION POLE - 3ph (CL&P custodian) [redacted]	16-OH14A			$35,071.20
XF OH - OH XF - 1ph [redacted]	16-OH45			$2,109.60
XF OH - OH XF's - bank of 3-1ph [redacted]	16-OH46			$15,057.60
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58			$4,816.80
OH WIRE [redacted]	16-OH25			$4,800.00
OH WIRE [redacted]	16-OH26b			$90,480.00

Supplement Authorization Form

Segment			CD00654-08
POLE OH - POLE - 3ph (CL&P custodian) [redacted]	16-OH14	[redacted]	$9,352.00
XF OH - OH XF - 1ph [redacted]	16-OH45		$6,328.80
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58		$3,211.20
OH WIRE [redacted]	16-OH37A		$2,240.00
UG CABLE DB - Cable Replacement - 3ph [redacted]	16-UG151A		$14,600.00
UG CABLE DB - Cable Replacement - 3ph [redacted]	16-UG151A		$14,600.00
UG CABLE DB - Cable Replacement - 3ph [redacted]	16-UG151A		$14,600.00
XF [redacted]	16-UG131		$6,299.20
ENCLOSURE [redacted]	16-UG143		$6,208.80
SECTIONALIZE [redacted]	16-OH38		$47,989.60

EVERSOURCE

Supplement Authorization Form

Segment CD00654-09

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$36,104
Contingency Amount:	$10,109
Estimate:	$46,213
Reimbursement:	$0
Net Amount:	$46,213
Description:	Step hanover st east of orange st

Item Description	CU	$ / Per	Qty	Amount
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58	[redacted]		$2,140.80
XF OH - OH XF - 1ph [redacted]	16-OH45			$6,328.80
EQUIPMENT OH - Remove Capacitor, any kVAR [redacted]	16-OH54			$1,800.00
DB CABLE DB/UG - #1 - 3-1/C (3ph) Al [redacted]	16-UG112			$6,080.00
POLE DB/UG - Riser - 3ph [redacted]	16-UG146			$10,794.40
CONDUIT DB - Conduit Installation [redacted]	16-UG152			$8,960.00

EVERSOURCE

Supplement Authorization Form

Segment CD00654-10

Estimate

Preliminary Estimate Summary

Revision Number:	0
Contingency:	28.00%
SubTotal:	$56,268
Contingency Amount:	$15,755
Estimate:	$72,023
Reimbursement:	$0
Net Amount:	$72,023
Description:	

Item Description	CU	$ / Per	Qty	Amount
TRAFFIC OH/DB/UG - Traffic Control - Police Officer 15% of precontingency subtotal	16-ALL18	[redacted]		$8,278.00
SECTIONALIZE OH - Recloser - 3ph	16-OH38			$47,989.60

[redacted]

Design Alternative CD00654-11

Estimate

Preliminary Estimate Summary

Revision Number:	1
Contingency:	28.00%
SubTotal:	$1,090,553
Contingency Amount:	$305,355
Estimate:	$1,395,908
Reimbursement:	$0
Net Amount:	$1,395,908
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17	[redacted]		$21,057.60
OH WIRE OH - Remove circuit wire (3 phase) [redacted]	16-OH37A			$24,960.00
[redacted] OH - Neutral [redacted]	16-OH31			$15,360.00
XF OH - OH XF - 1ph [redacted]	16-OH45			$21,096.00
XF OH - OH XF's - bank of 3-1ph [redacted]	16-OH46			$20,076.80
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58			$7,492.80
OH WIRE OH - Reconductor w/Spacer Cable - 556 kcmil [redacted]	16-OH29			$501,760.00
[redacted] OH/DB/UG - Traffic Control - Police Officer [redacted]	16-ALL18			$142,565.00
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58			$9,633.60

Design Alternative			CD00654-11
POLE OH - JUNCTION POLE - 3ph (CL&P custodian)	16-OH14A	[redacted]	$187,046.40
DB CABLE DB/UG - #1 - 3-1/C (3ph) Al	16-UG112	[redacted]	$3,040.00
XF DB/UG - Padmount XF - 3ph	16-UG131		$6,299.20
ENCLOSURE DB/UG - Transformer Pad/Handhole	16-UG143		$6,208.80
POLE DB/UG - Riser - 3ph	16-UG146		$10,794.40
CONDUIT DB - Conduit Installation	16-UG152		$2,240.00
SECTIONALIZE OH - Recloser - 3ph	16-OH38		$47,989.60
OH WIRE	16-OH25		$4,800.00
OH WIRE	16-OH31		$1,280.00
XF OH - Stepdown - 1ph - on POLE	16-OH49		$6,800.00
POLE OH - POLE - 1ph (CL&P custodian)	16-OH13		$5,768.00
SECTIONALIZE OH - Cutouts or Arresters - 1ph	16-OH19		$1,371.20
OH WIRE	16-OH25		$10,800.00

Supplement Authorization Form

Design Alternative			CD00654-11
OH WIRE [redacted]	16-OH31	[redacted]	$1,280.00
XF [redacted]	16-OH45		$2,109.60
EQUIPMENT [redacted]	16-OH58		$535.20
POLE OH - POLE - 1ph (CL&P custodian) [redacted]	16-OH13		$5,768.00
SECTIONALIZE OH - Cutouts or Arresters - 1ph [redacted]	16-OH19		$1,371.20
OH WIRE [redacted]	16-OH25		$13,200.00
OH WIRE OH - Neutral [redacted]	16-OH31		$2,560.00
XF OH - OH XF - 1ph [redacted]	16-OH45		$4,219.20
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58		$1,070.40

EVERSOURCE

Supplement Authorization Form

Design Alternative CD00654-12

Estimate

	Preliminary Estimate Summary
Revision Number:	1
Contingency:	28.00%
SubTotal:	$455,777
Contingency Amount:	$127,618
Estimate:	$583,395
Reimbursement:	$0
Net Amount:	$583,395
Description:	

Item Description	CU	$ / Per	Qty	Amount
SWITCHING OH/DB/UG - SWITCHING NonNetwork - Average	16-ALL17	[redacted]		$7,019.20
OH WIRE OH - Reconductor w/Spacer Cable - 556 kcmil [redacted]	16-OH29			$20,480.00
POLE OH - POLE - 1ph (CL&P custodian) [redacted]	16-OH13	[redacted]		$5,768.00
SECTIONALIZE OH - Cutouts or Arresters - 1ph [redacted]	16-OH19			$1,371.20
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) [redacted]	16-OH25			$9,600.00
OH WIRE OH - Neutral [redacted]	16-OH31			$1,280.00
XF OH - OH XF - 1ph [redacted]	16-OH45			$4,219.20
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58			$1,070.40
SECTIONALIZE OH - Recloser - 3ph [redacted]	16-OH38			$47,989.60

Supplement Authorization Form

Design Alternative			CD00654-12
OH WIRE OH - Remove circuit wire (3 phase) [redacted]	16-OH37A	[redacted]	$3.20
SECTIONALIZE OH - Recloser - 3ph [redacted]	16-OH38		$47,989.60
SECTIONALIZE OH - Recloser Control - setting changes only [redacted]	16-OH39A		$4,885.60
POLE OH - POLE - 1ph (CL&P custodian) [redacted]	16-OH13		$5,768.00
SECTIONALIZE OH - Cutouts or Arresters - 1ph [redacted]	16-OH19		$1,371.20
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) [redacted]	16-OH25		$7,200.00
OH WIRE OH - Neutral [redacted]	16-OH31		$1,280.00
XF OH - OH XF - 1ph [redacted]	16-OH45		$4,219.20
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58		$1,070.40
OH WIRE OH - Reconductor w/Spacer Cable - 556 kcmil [redacted]	16-OH29		$138,240.00
OH WIRE OH - Neutral [redacted]	16-OH31		$5,120.00
XF OH - OH XF - 1ph [redacted]	16-OH45		$6,328.80
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58		$2,140.80

Supplement Authorization Form

Design Alternative			CD00654-12
POLE OH - JUNCTION POLE - 3ph (CL&P custodian) [redacted]	16-OH14A	[redacted]	$35,071.20
POLE OH - POLE - 3ph (CL&P custodian) [redacted]	16-OH14		$9,352.00
TRAFFIC OH/DB/UG - Traffic Control - Police Officer [redacted]	16-ALL18		$63,631.00
POLE OH - POLE - 1ph (CL&P custodian) [redacted]	16-OH13		$5,768.00
SECTIONALIZE OH - Cutouts or Arresters - 1ph [redacted]	16-OH19		$1,371.20
OH WIRE OH-Reconductor w/175 Mil Tree Wire-1ph (any gauge) [redacted]	16-OH25		$9,600.00
OH WIRE OH - Neutral [redacted]	16-OH31		$1,280.00
XF OH - OH XF - 1ph [redacted]	16-OH45		$4,219.20
EQUIPMENT OH - Conversion - CUTOVER [redacted]	16-OH58		$1,070.40

EVERSOURCE

Supplement Authorization Form

Design Alternative CD00654-13

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	28.00%
SubTotal:	$345,414
Contingency Amount:	$96,716
Estimate:	$442,130
Reimbursement:	$0
Net Amount:	$442,130

Description:

Item Description	CU	$ / Per	Qty	Amount
SWITCHING OH/DB/UG - SWITCHING Network	16-ALL15	[redacted]		$14,048.80
TRAFFIC OH/DB/UG - Traffic Control - Police Officer	16-ALL18			$42,680.00
UG CABLE DB/UG - 350/500 - 3-1/C (3ph) Cu [redacted]	16-UG114			$109,968.00
CONDUIT UG-Ductline-up to 12 duct - Traveled Way / Paved [redacted]	16-UG137			$71,944.00
SECTIONALIZE OH - Recloser - 3ph [redacted]	16-OH38			$95,979.20
POLE DB/UG - Riser - 3ph [redacted]	16-UG146			$10,794.40

EVERSOURCE

Supplement Authorization Form

Segment CD00654-14

Estimate

	Preliminary Estimate Summary
Revision Number:	0
Contingency:	24.00%
SubTotal:	$11,271
Contingency Amount:	$2,705
Estimate:	$13,976
Reimbursement:	$0
Net Amount:	$13,976
Description:	

Item Description	CU	$ / Per	Qty	Amount
TRAFFIC OH/DB/UG - Traffic Control - Police Officer	16-ALL18	[redacted]		$1,500.00
SECTIONALIZE OH - Recloser Control - setting changes only change [redacted]	16-OH39A			$4,885.60
SECTIONALIZE OH - Recloser Control - setting changes only change [redacted]	16-OH39A			$4,885.60