

**TOWN OF WATERFORD  
CAPITAL IMPROVEMENT PLAN  
PROJECT CONSOLIDATION FORM-FY 2022-2026**

|                  | DEPARTMENT/ AGENCY:                                                     | TOWN IT COMMITTEE |                          |                          |                          |                          |                          |                   |
|------------------|-------------------------------------------------------------------------|-------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------|
| DEPT<br>PRIORITY | PROJECT NAME                                                            | FUNDING<br>SOURCE | FISCAL YEAR<br>2021-2022 | FISCAL YEAR<br>2022-2023 | FISCAL YEAR<br>2023-2024 | FISCAL YEAR<br>2024-2025 | FISCAL YEAR<br>2025-2026 | TOTAL             |
| 3                | SWITCHES                                                                | 3                 | 22,500.00 ✓              |                          |                          |                          |                          | 22,500.00         |
| 4                | PHONE SYSTEM<br>(software/hardware upgrades)                            | 3                 | 16,000.00 ✓              |                          |                          |                          |                          | 16,000.00         |
| 1                | FIBER UPGRADE (Town Hall, to<br>PD/YS/EOC, Community Center,<br>Library | 3                 | 14,000.00 ✓              |                          |                          |                          |                          | 14,000.00         |
| 2                | UPS upgrades                                                            |                   | 12,500.00 ✓              |                          |                          |                          |                          |                   |
| 5                | Cameras/Access security                                                 | 3                 | 110,000.00 ✓             | 77,000.00                | 95,000.00                |                          |                          | 282,000.00        |
|                  | <b>TOTALS</b>                                                           |                   | <b>175,000.00</b>        | <b>77,000.00</b>         | <b>95,000.00</b>         | <b>0.00</b>              |                          | <b>347,000.00</b> |

Current fiber in this area is "multi-mode" which allows about 100 meg speed, would increase to 10 gig speed.

**INDEX TO FUNDING SOURCES.**

- 1 CURRENT YEAR CAPITAL IMPROVEMENTS
- 2 UTILITY BUDGET/SEWER CAPITAL MAINTENANCE FUND
- 3 TRANSFER TO CAPITAL & NONRECURRING.
- 4 SHORT AND LONG TERM DEBT FINANCING
- 5 LoCIP
- 6 CNR UNDESIGNATED FUND BALANCE
- 7 FEDERAL/STATE GRANTS
- 8 OTHER FUNDING

**TOWN OF WATERFORD  
CAPITAL PROJECT REQUEST FORM**

|                                                           |                                               |
|-----------------------------------------------------------|-----------------------------------------------|
| <b>DEPARTMENT/AGENCY</b><br><u>Waterford IT Committee</u> | <b>CONTACT PERSON</b><br><u>Brett Mahoney</u> |
| <b>PROJECT NAME</b><br><u>Fiber Upgrade</u>               | <b>DEPARTMENT PRIORITY</b><br><u>1</u>        |

| <b>1</b>                                     | <b>DESCRIPTION AND JUSTIFICATION (describe the type, purpose &amp; anticipated accomplishments of the project)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------|----------|----------|---------------|--------|--------|------------------------|--|--|--|--|--|--|---------------------------------------|--|--|--|--|--|--|-------------------|--------|--------|--|--|--|--|-------------------------|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|---------------------------------|--|--|--|--|--|--|----------------------------------------------|--|--|--|--|--|--|---------------------------------------------|--|--|--|--|--|--|---------------|---------------|---------------|----------|----------|----------|---------------|
|                                              | <p>Fiber running between the Town Hall, Community Center, PD, EOC, Library and WYSB Fiber upgrade. Current fiber in this area is "multi-mode" which allows about 100 meg speed, would increase to 10 gig speed after bringing the fiber up to date. Allows for increased speed, data transfer, etc. This is the second year of this request, which would be installed this year. As the quote is three years old, a percentage has been added to ensure the request is adequate.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| <b>2</b>                                     | <b>PROJECT STATUS IF IN PROGRESS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
|                                              | <div style="border: 1px solid black; height: 20px; width: 100%;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| <b>3</b>                                     | <b>LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
|                                              | <div style="border: 1px solid black; height: 20px; width: 100%;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| <b>4</b>                                     | <b>DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
|                                              | <div style="border: 1px solid black; height: 20px; width: 100%;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| <b>5</b>                                     | <b>GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
|                                              | <div style="border: 1px solid black; height: 20px; width: 100%;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| <b>6</b>                                     | <b>ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
|                                              | <p>Attached</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| <b>7</b>                                     | <b>COST/FUNDING SOURCE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
|                                              | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 35%;">FUNDING SOURCE</th> <th style="width: 15%;">APPROVED FUNDING TO DATE</th> <th style="width: 10%;">FY2022</th> <th style="width: 10%;">FY2023</th> <th style="width: 10%;">FY2024</th> <th style="width: 10%;">FY2025</th> <th style="width: 10%;">FY2026</th> </tr> </thead> <tbody> <tr> <td>1 Current Year Capital</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2 Utility Budget/Sewer Cap Maint Fund</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3 Transfer to CNR</td> <td style="text-align: right;">14,000</td> <td style="text-align: right;">14,000</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4 Short/Long-term Bonds</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5 LoCIP (detail in section 5 above)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6 CNR Undesignated Fund Balance</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7 Federal/State Grants (detail in section 5)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8 Other Funding (detail in section 5 above)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>TOTALS</b></td> <td style="text-align: right;"><b>14,000</b></td> <td style="text-align: right;"><b>14,000</b></td> <td style="text-align: right;"><b>0</b></td> <td style="text-align: right;"><b>0</b></td> <td style="text-align: right;"><b>0</b></td> <td style="text-align: right;"><b>14,000</b></td> </tr> </tbody> </table> | FUNDING SOURCE | APPROVED FUNDING TO DATE | FY2022   | FY2023   | FY2024        | FY2025 | FY2026 | 1 Current Year Capital |  |  |  |  |  |  | 2 Utility Budget/Sewer Cap Maint Fund |  |  |  |  |  |  | 3 Transfer to CNR | 14,000 | 14,000 |  |  |  |  | 4 Short/Long-term Bonds |  |  |  |  |  |  | 5 LoCIP (detail in section 5 above) |  |  |  |  |  |  | 6 CNR Undesignated Fund Balance |  |  |  |  |  |  | 7 Federal/State Grants (detail in section 5) |  |  |  |  |  |  | 8 Other Funding (detail in section 5 above) |  |  |  |  |  |  | <b>TOTALS</b> | <b>14,000</b> | <b>14,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>14,000</b> |
| FUNDING SOURCE                               | APPROVED FUNDING TO DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FY2022         | FY2023                   | FY2024   | FY2025   | FY2026        |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| 1 Current Year Capital                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| 2 Utility Budget/Sewer Cap Maint Fund        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| 3 Transfer to CNR                            | 14,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 14,000         |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| 4 Short/Long-term Bonds                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| 5 LoCIP (detail in section 5 above)          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| 6 CNR Undesignated Fund Balance              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| 7 Federal/State Grants (detail in section 5) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| 8 Other Funding (detail in section 5 above)  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                          |          |          |               |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |
| <b>TOTALS</b>                                | <b>14,000</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>14,000</b>  | <b>0</b>                 | <b>0</b> | <b>0</b> | <b>14,000</b> |        |        |                        |  |  |  |  |  |  |                                       |  |  |  |  |  |  |                   |        |        |  |  |  |  |                         |  |  |  |  |  |  |                                     |  |  |  |  |  |  |                                 |  |  |  |  |  |  |                                              |  |  |  |  |  |  |                                             |  |  |  |  |  |  |               |               |               |          |          |          |               |



# Northeastern

## Communications & Electrical LLC

896 Bear Hill Rd. Middletown, CT 06457

CT Lic # 184517

Phone (860) 343-9797 | Fax (860) 788-2635

[www.northeastcne.com](http://www.northeastcne.com)

**Town of Waterford**  
15 Rope Ferry Rd.  
Waterford, CT 06385

**Quote # B-17-0367**

Attn.: **Ed Crane**  
Director of Information Technology  
(860) 625-5764  
[ecrane@waterfordschools.org](mailto:ecrane@waterfordschools.org)

Re: **Single-mode (OS2) Optical Fiber Backbone (OSP) | "Budgetary" Price Quote**

Northeastern Communications & Electrical LLC is pleased to provide a quote for the above-mentioned project.

**Please Note: This is a "Budgetary" price quote. This "Budgetary" price quote is based on installing the optical fiber cables in existing underground duct structures that are "free & clear", and of sufficient size and design the accommodate the cables being installed. A final/firm price quote will be provided after the Town of Waterford provides engineered drawing(s) detailing the underground duct structures locations and access points, or Northeastern Communications & Electrical LLC is contracted to "rod & rope" the underground duct structures to identify the duct structures location and access points.**

### SCOPE OF WORK

#### Outside Plant:

For the optical fiber plant, Northeastern Communications & Electrical LLC will supply and install the following:

11/9/2017

1

Initials\_\_\_\_\_

-RESTRICTED-PROPRIETARY INFORMATION-

The information contained herein is for use by authorized employees of the parties hereto only and is not for general distribution within or outside their respective Companies

1. **1:** 24-strand Single-mode (OS2) ALTOS Loose Tube, Gel-Free, All--Dielectric optical fiber cable. This cable will be placed in an existing underground conduit and run:

**To:** EOC  
**From:** Town Hall

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2. **3:** 12-strand Single-mode (OS2) ALTOS Loose Tube, Gel-Free, All--Dielectric optical fiber cables. These cables will be placed in existing underground conduits and run:

**To:** Library  
**From:** Town Hall

**To:** Community Center  
**From:** Town Hall

**To:** Police (PD)  
**From:** EOC

---

3. **1:** 6-strand Single-mode (OS2) ALTOS Loose Tube, Gel-Free, All--Dielectric optical fiber cable. This cable will be placed in an existing underground conduit and run:

**To:** Youth Services Bureau (YSB)  
**From:** EOC

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4. Each strand of Single-mode fiber optic cable will terminate with an "LC" type connector and connect to its own fiber optic coupler. These couplers will be installed in an equipment rack mounted fiber optic patch panel at each end.
5. All optical fiber cables and terminations will be labeled to identify their quantity, type, and the "to" and "from" locations. Labeling will be done in a professional manner with printed labels and fiber-optic yellow cable tags.
6. A fifty-foot maintenance loop will be left and neatly stored at each end of the cable run.
7. Included with the installation are:
- 2:** 2U Fiber Optic Patch panel (Town Hall | EOC)
  - 4:** 1U Fiber Optic Patch Panels (Library | Com. Ctr. | PD | YSB)
  - 10:** 12-port OS2 "LC" Coupler Panels
  - 2:** 6-port OS2 "LC" Coupler Panels
- 

11/9/2017

2

Initials \_\_\_\_\_

-RESTRICTED-PROPRIETARY INFORMATION-

The information contained herein is for use by authorized employees of the parties hereto only and is not for general distribution within or outside their respective Companies

**Identification / Labeling:**

1. Labeling will be done in a professional manner with (black on white, large font) printed labels.

**Testing:**

1. All Single-mode optical fiber strands will be tested using a power meter in one direction at 1310nm & 1550nm. No loss will exceed the sum of .75db per mated connector plus .3db per splice plus the calculated cable length attenuation.

**Standards:**

1. This Scope of Work provides for the described work to be done in compliance with NFPA-70 (National Electrical Code), unless otherwise directed or prohibited, all applicable Telecommunications Industry Standards, and specifications presented by the customer at the time of bid.

**Warranty:**

1. A one-year warranty against defect with the described installation is included with the Northeastern Communications & Electrical LLC Structured Cabling Solution. Northeastern Communications & Electrical LLC warrants that for a period of one year from the system cut over date, the described work under normal use and service will be free from defects and faulty workmanship.
2. CORNING OPTICAL COMMUNICATIONS 25-YEAR EXTENDED PRODUCT WARRANTY – Corning, together with its network of preferred installer members (NPI), commits to repair or provide replacement for nonconforming products free of charge during the **25 year extended warranty** period, subject to the terms and conditions of Corning's network of preferred installers program.

**"Budgetary" Price:**

Labor .....\$17,160.00  
Material.....\$8,356.28  
Total.....\$25,516.28  
(Plus 6.35% CT sales tax, if applicable)

**\*The price provided in this Scope of Work is valid for a period of sixty (60) days\***

**\*The labor price is based on standard NON-PREVALING wage rates.\***

**Terms**

**Net 30**

**½ payment due upon bid acceptance**

**½ payment due upon project completion & test results**

11/9/2017

3

Initials \_\_\_\_\_

-RESTRICTED-PROPRIETARY INFORMATION-

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### **Assumptions / Qualifiers:**

1. The Northeastern Communications & Electrical LLC normal business hours are Monday through Friday 8:00 AM to 5:00 PM. This Scope of Work is based on all work being performed during normal business hours. The requiring of work to be preformed outside of this schedule or a shorter installation interval, causing work to be performed on "over-time" will be an additional cost to the customer and requires prior approval.
2. This Scope of Work does not include the cost of pulling a permit, if applicable.
3. Northeastern Communications & Electrical LLC assumes there are no abnormal environmental or hazardous conditions on the customer's premise which would require extraordinary safety and/or regulatory functions, activities, permits or certifications for Northeastern Communications & Electrical LLC to perform the required work.
4. This Scope of Work assumes that the customer will provide free and ready access to all work locations. Including, but not limited to, rooms, floors, ceiling spaces, and manholes.
5. All required moving of furniture, file cabinets, desks, and equipment will be the responsibility of others.
6. This Scope of Work assumes that the installation of all plywood backboards will be the responsibility of others and are not included in this proposal.
7. Northeastern Communications & Electrical LLC assumes no delays. Inaccessibility to the work areas may require additional man-hours charged to the customer.
8. This Scope of Work assumes that the installation of all cable tray, conduits, sleeves, Tele/power poles, and core boring not before mentioned, will be the responsibility of others and are not included in this proposal. It also assumes that they will be of sufficient size and design to accommodate all cables to be installed and properly fire-safed.
9. This Scope of Work assumes that prior to the start of work all conduits will have pull strings installed by others and are not included with this proposal.
10. Alterations or deviations, if any, from the above scope of work, or any delays or postponements of the work by the Customer or its agents which result in additional materials or labor costs, will become an extra charge which will be billed as an addition to this proposal amount. Any extra move on or off the job site due to circumstances beyond our control will be billed as an extra at hourly labor and equipment rates in effect at the time.

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11/9/2017

4

Initials \_\_\_\_\_

-RESTRICTED-PROPRIETARY INFORMATION-

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**TOWN OF WATERFORD  
CAPITAL PROJECT REQUEST FORM**

**DEPARTMENT/AGENCY**

Waterford IT Committee

**CONTACT PERSON**

Brett Mahoney

**PROJECT NAME**

UPS upgrades

**DEPARTMENT PRIORITY**

2

**1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**

Numerous Uninterrupted Power Supplies (UPS) need to be changed. These are mounted UPS for the various data racks in buildings throughout town. Before the units are relaced, IT attempts to replace the batteries for cost savings, but there are too many that have failed or are end of life. Locations of UPS units - SMT3000 Units: (2) Town hall server room Basement. (1) Town Hall data room 2nd floor. SRT2200 Units: (1) Youth center, (1) Community center, (1) 2nd floor Town Hall switch closet, (1) EOC server rack.

**2 PROJECT STATUS IF IN PROGRESS**

**3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**

Most town departments

**4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**

**5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**

**6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**

Attached

**7 COST/FUNDING SOURCE**

|   | FUNDING SOURCE                             | APPROVED FUNDING TO DATE | FY2022        | FY2023   | FY2024   | FY2025   | FY2026   |
|---|--------------------------------------------|--------------------------|---------------|----------|----------|----------|----------|
| 1 | Current Year Capital                       |                          | 14,560        |          |          |          |          |
| 2 | Utility Budget/Sewer Cap Maint Fund        |                          |               |          |          |          |          |
| 3 | Transfer to CNR                            |                          |               |          |          |          |          |
| 4 | Short/Long-term Bonds                      |                          |               |          |          |          |          |
| 5 | LoCIP (detail in section 5 above)          |                          |               |          |          |          |          |
| 6 | CNR Undesignated Fund Balance              |                          |               |          |          |          |          |
| 7 | Federal/State Grants (detail in section 5) |                          |               |          |          |          |          |
| 8 | Other Funding (detail in section 5 above)  |                          |               |          |          |          |          |
|   | <b>TOTALS</b>                              | <b>0</b>                 | <b>14,560</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |



**Customer Name:** TOWN OF WATERFORD  
**Quote No:** 22580983  
**Quote Name:** BUDGETARY ESTIMATE -  
 Schneider Electric  
**Quotation Date:** 11/17/2020

**Sales Support Contact:** Ed Howard  
**Sales Support Phone:** 603-263-3512  
**Sales Support Email:** ehoward@eplus.com  
**Account Executive:** Steve Plante  
**Account Executive Phone:** 781-615-1322  
**Account Executive Email:** splante@eplus.com

**Customer PO No:**

**Order No:**

**Expiration Date:** 12/17/2020

| Line No. | Part Number     | MFG       | Description/Line Notes                                | QTY | Unit Price | Ext. Price |
|----------|-----------------|-----------|-------------------------------------------------------|-----|------------|------------|
| 001      | SMT3000RM2UNC   | SCHNEIDER | APC SMART UPS 3000VA LCD RM 2U 120V WITH NETWORK CARD | 3   | 1,604.28   | 4,812.84   |
| 002      | SRT2200RMXLA-NC | SCHNEIDER | APC SMART-UPS SRT 2200VA RM 120V NETWORK CARD         | 4   | 1,882.78   | 7,531.12   |

Schneider Electric

**Sub-Total (USD)** 12,343.96

**Shipping:**  
**Packing:**

**Sub Total (USD):** 12,343.96  
**Tax (USD):** TBD if Applicable  
**Shp&Hnd (USD):** 0.00  
**Total (USD):** 12,343.96

All orders are governed by your organization's signed agreement with ePlus or applicable public sector contract; if there is no such agreement the Customer Terms and Conditions for Products and/or Services located at www.ePlus.com govern. No additional or contrary terms in a purchase order shall apply, and ePlus' performance shall not be deemed acceptance of any preprinted PO terms. Use of software, subscription services or other products resold by ePlus is subject to manufacturer/publisher end user agreements or subscription terms. Any periodic payment obligations for specific offerings, along with customer-incurred overages, consumption fees, add-ons, quantity adjustments and automatic renewals are non-cancelable for any reason except by public sector customers required by law to terminate due to non-appropriation of funds.

Thank you for your inquiry. Recent US govt tariffs on certain imports are causing price increases for many IT products, with little or no notice, and beyond ePlus' control. As a result, this quote is subject to change without notice, even before the expiration date reflected above. Please confirm pricing prior to order placement. Unless freight amount is indicated, or is zero, freight will be added to the invoice. Unless Bill-To company is exempt from Sales Tax, it will be added to the invoice. Recognizing that the global pandemic has disrupted operations for many organizations, ePlus will ship products for delivery in accordance with customer's written ship-to instructions and products will be deemed delivered notwithstanding any failure of customer personnel to sign for receipt due to facility closing or otherwise.

### Customer Acceptance

Signature: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Customer PO #: \_\_\_\_\_

### Bill To

TOWN OF WATERFORD  
 15 ROPE FERRY ROAD  
 WATERFORD CT 06385  
 UNITED STATES  
 ED CRANE

### Ship To

TOWN OF WATERFORD  
 UNITED STATES

**TOWN OF WATERFORD  
CAPITAL PROJECT REQUEST FORM**

**DEPARTMENT/AGENCY**

Waterford IT Committee

**CONTACT PERSON**

Brett Mahoney, IT Chair

**PROJECT NAME**

Switches

**DEPARTMENT PRIORITY**

3

**1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**

General purpose switches that connect to end users, phones, and other user support switches. These are 48 port switches, we intend to purchase four of them. These are replacements for very old items that need to be upgraded.

**2 PROJECT STATUS IF IN PROGRESS**

**3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**

All Town Departments are impacted

**4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**

**5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**

**6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**

**7 COST/FUNDING SOURCE**

|   | FUNDING SOURCE                             | APPROVED<br>FUNDING TO<br>DATE | FY2020 | FY2021 | FY2022 | FY2023 | FY2024 |
|---|--------------------------------------------|--------------------------------|--------|--------|--------|--------|--------|
| 1 | Current Year Capital                       |                                | 26,000 |        |        |        |        |
| 2 | Utility Budget/Sewer Cap Maint Fund        |                                |        |        |        |        |        |
| 3 | Transfer to CNR                            |                                |        |        |        |        |        |
| 4 | Short/Long-term Bonds                      |                                |        |        |        |        |        |
| 5 | LoCIP (detail in section 5 above)          |                                |        |        |        |        |        |
| 6 | CNR Undesignated Fund Balance              |                                |        |        |        |        |        |
| 7 | Federal/State Grants (detail in section 5) |                                |        |        |        |        |        |
| 8 | Other Funding (detail in section 5 above)  |                                |        |        |        |        |        |
|   | <b>TOTALS</b>                              |                                | 0      | 26,000 | 0      | 0      | 0      |



Customer Name: TOWN OF WATERFORD

Quote No: 22580980

Quote Name: BUDGETARY ESTIMATE -  
Network Switches

Quotation Date: 11/17/2020

Sales Support Contact: Ed Howard

Sales Support Phone: 603-263-3512

Sales Support Email: ehoward@eplus.com

Account Executive: Steve Plante

Account Executive Phone: 781-615-1322

Account Executive Email: splante@eplus.com

Customer PO No:

Order No:

Expiration Date: 12/17/2020

| Line No.         | Part Number        | MFG   | Description/Line Notes                                                                                            | QTY | Unit Price       | Ext. Price |
|------------------|--------------------|-------|-------------------------------------------------------------------------------------------------------------------|-----|------------------|------------|
| 001              | C9200L-48P-4X-E    | CISCO | CATALYST 9200L 48-PORT POE+, 4 X 10G, NETWORK ESSENTIALS                                                          | 4   | 3,854.64         | 15,418.56  |
| 002              | CON-PSUT-C9200L4X  | CISCO | PRTNR SUP 8X5XNBD CATALYST 9200L 48-PORT POE+, 4 X 10G, NE                                                        | 4   | 469.82           | 1,879.28   |
| 003              | C9200L-NW-E-48     | CISCO | C9200L NETWORK ESSENTIALS, 48-PORT LICENSE                                                                        | 4   | 0.00             | 0.00       |
| 004              | CAB-TA-NA          | CISCO | NORTH AMERICA AC TYPE A POWER CABLE                                                                               | 4   | 0.00             | 0.00       |
| 005              | PWR-C5-BLANK       | CISCO | CONFIG 5 POWER SUPPLY BLANK                                                                                       | 4   | 0.00             | 0.00       |
| 006              | C9200L-DNA-E-48    | CISCO | C9200L CISCO DNA ESSENTIALS, 48-PORT TERM LICENSE                                                                 | 4   | 0.00             | 0.00       |
| 007              | C9200L-DNA-E-48-3Y | CISCO | Line Note:<br>*Required for all 9200 series switches<br>C9200L CISCO DNA ESSENTIALS, 48-PORT, 3 YEAR TERM LICENSE | 4   | 593.43           | 2,373.72   |
| 008              | C9200L-STACK-KIT   | CISCO | Line Note:<br>Required minimum 36 MONTH SUPPORT<br>CISCO CATALYST 9200L STACK MODULE                              | 4   | 695.31           | 2,781.24   |
| 009              | C9200-STACK        | CISCO | CATALYST 9200 STACK MODULE                                                                                        | 8   | 0.00             | 0.00       |
| 010              | STACK-T4-50CM      | CISCO | 50CM TYPE 4 STACKING CABLE                                                                                        | 4   | 0.00             | 0.00       |
| 011              | NETWORK-PNP-LIC    | CISCO | NETWORK PLUG-N-PLAY CONNECT FOR ZERO-TOUCH DEVICE DEPLOYMENT                                                      | 4   | 0.00             | 0.00       |
| Network Switches |                    |       |                                                                                                                   |     | Sub-Total (USD): | 22,452.80  |

## Totals

Sub-Total (USD):

22,452.80

Shipping:

Packing:

Sub Total (USD):

22,452.80

Tax (USD):

TBD if Applicable

Shp&amp;Hnd (USD):

0.00

Total (USD):

22,452.80

All orders are governed by your organization's signed agreement with ePlus or applicable public sector contract; if there is no such agreement the Customer Terms and Conditions for

Products and/or Services located at [www.ePlus.com](http://www.ePlus.com) govern. No additional or contrary terms in a purchase order shall apply, and ePlus' performance shall not be deemed acceptance of any preprinted PO terms. Use of software, subscription services or other products resold by ePlus is subject to manufacturer/publisher end user agreements or subscription terms. Any periodic payment obligations for specific offerings, along with customer-incurred overages, consumption fees, add-ons, quantity adjustments and automatic renewals are non-cancelable for any reason except by public sector customers required by law to terminate due to non-appropriation of funds.

Thank you for your inquiry. Recent US govt tariffs on certain imports are causing price increases for many IT products, with little or no notice, and beyond ePlus' control. As a result, this quote is subject to change without notice, even before the expiration date reflected above. Please confirm pricing prior to order placement. Unless freight amount is indicated, or is zero, freight will be added to the invoice. Unless Bill-To company is exempt from Sales Tax, it will be added to the invoice. Recognizing that the global pandemic has disrupted operations for many organizations, ePlus will ship products for delivery in accordance with customer's written ship-to instructions and products will be deemed delivered notwithstanding any failure of customer personnel to sign for receipt due to facility closing or otherwise.

|                                                                                                                      |                                                                                                                  |                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Customer Acceptance</b><br>Signature: _____<br>Name: _____<br>Title: _____<br>Date: _____<br>Customer PO #: _____ | <b>Bill To</b><br>TOWN OF WATERFORD<br>15 ROPE FERRY ROAD<br><br>WATERFORD CT 06385<br>UNITED STATES<br>ED CRANE | <b>Ship To</b><br>TOWN OF WATERFORD<br>15 ROPE FERRY ROAD<br><br>WATERFORD CT 06385<br>UNITED STATES<br>ED CRANE |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|

**TOWN OF WATERFORD  
CAPITAL PROJECT REQUEST FORM**

**DEPARTMENT/AGENCY**

Waterford IT Committee

**CONTACT PERSON**

Brett Mahoney

**PROJECT NAME**

Phone system

**DEPARTMENT PRIORITY**

4

**1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**

The VOIP phone system is split between the Town and BOE - 2 servers BOE, one server town. The servers are all end of life this budget year, and need to be replaced to keep the hardware viable.

**2 PROJECT STATUS IF IN PROGRESS**

**3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**

Board of Education

**4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**

**5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**

**6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**

Attached

**7 COST/FUNDING SOURCE**

|   | FUNDING SOURCE                             | APPROVED<br>FUNDING TO<br>DATE | FY2022 | FY2023 | FY2024 | FY2025 | FY2026 |
|---|--------------------------------------------|--------------------------------|--------|--------|--------|--------|--------|
| 1 | Current Year Capital                       |                                | 16,250 |        |        |        |        |
| 2 | Utility Budget/Sewer Cap Maint Fund        |                                |        |        |        |        |        |
| 3 | Transfer to CNR                            |                                |        |        |        |        |        |
| 4 | Short/Long-term Bonds                      |                                |        |        |        |        |        |
| 5 | LoCIP (detail in section 5 above)          |                                |        |        |        |        |        |
| 6 | CNR Undesignated Fund Balance              |                                |        |        |        |        |        |
| 7 | Federal/State Grants (detail in section 5) |                                |        |        |        |        |        |
| 8 | Other Funding (detail in section 5 above)  |                                |        |        |        |        |        |
|   | <b>TOTALS</b>                              | 0                              | 16,250 | 0      | 0      | 0      | 0      |



Customer Name: TOWN OF WATERFORD

Quote No: 22580979

Quote Name: BUDGETARY ESTIMATE -  
Phone server upgrade

Quotation Date: 11/17/2020

Sales Support Contact: Ed Howard

Sales Support Phone: 603-263-3512

Sales Support Email: ehoward@eplus.com

Account Executive: Steve Plante

Account Executive Phone: 781-615-1322

Account Executive Email: splante@eplus.com

Customer PO No:

Order No:

Expiration Date: 12/17/2020

| Line No.                             | Part Number                 | MFG   | Description/Line Notes                                       | QTY                    | Unit Price | Ext. Price       |
|--------------------------------------|-----------------------------|-------|--------------------------------------------------------------|------------------------|------------|------------------|
| 001                                  | BE6M-M5-K9                  | CISCO | CISCO BUSINESS EDITION 6000M (M5) APPLIANCE, EXPORT RESTR SW | 1                      | 5,321.14   | 5,321.14         |
| 002                                  | CON-PSU3-BE6MM5K9           | CISCO | UCS SUPP PSS 24X7X4 CISCO BUSINESS EDITION 6000M (M5) APPLIA | 1                      | 499.18     | 499.18           |
| 003                                  | BE6K-PSU                    | CISCO | CISCO UCS 770W AC POWER SUPPLY FOR RACK SERVER               | 1                      | 0.00       | 0.00             |
| 004                                  | BE6K-RAIDCTRLR              | CISCO | CISCO 12G MODULAR RAID CONTROLLER WITH 2GB CACHE             | 1                      | 0.00       | 0.00             |
| 005                                  | BE6K-DISK                   | CISCO | 300GB 12G SAS 10K RPM SFF HDD                                | 6                      | 0.00       | 0.00             |
| 006                                  | R2XX-RAID5                  | CISCO | ENABLE RAID 5 SETTING                                        | 1                      | 0.00       | 0.00             |
| 007                                  | BE6K-RAM                    | CISCO | 16GB DDR4-2666-MHZ RDIMM/PC4-21300/SINGLE RANKX4/1.2V        | 3                      | 0.00       | 0.00             |
| 008                                  | BE6K-CPU                    | CISCO | 2.2 GHZ 4114/85W 10C/13.75MB CACHE/DDR4 2400MHZ              | 1                      | 0.00       | 0.00             |
| 009                                  | CAB-9K12A-NA                | CISCO | POWER CORD, 125VAC 13A NEMA 5-15 PLUG, NORTH AMERICA         | 1                      | 0.00       | 0.00             |
| 010                                  | VMM-V56-HYPPLS-K9           | CISCO | EMBEDDED LICENSE, CISCO UC VIRT. HYPERVISOR PLUS 6.X (2-CPU) | 1                      | 0.00       | 0.00             |
| Phone server upgrade                 |                             |       |                                                              | <u>Sub-Total (USD)</u> |            | <u>5,820.32</u>  |
| 011                                  | EPLUS PROFESSIONAL SERVICES | EPLUS | UC SERVER HW UPGRADE & APP MIGRATION                         | 1                      | 10,000.00  | 10,000.00        |
| UC Server HW Upgrade & App Migration |                             |       |                                                              | <u>Sub-Total (USD)</u> |            | <u>10,000.00</u> |

**Totals**

|           |  |  |  |                         |  |                   |
|-----------|--|--|--|-------------------------|--|-------------------|
|           |  |  |  | <u>Sub-Total (USD)</u>  |  | <u>15,820.32</u>  |
| Shipping: |  |  |  | <u>Sub Total (USD):</u> |  | <u>15,820.32</u>  |
| Packing:  |  |  |  | Tax (USD):              |  | TBD if Applicable |
|           |  |  |  | Shp&Hnd (USD):          |  | 0.00              |
|           |  |  |  | Total (USD):            |  | 15,820.32         |

All orders are governed by your organization's signed agreement with ePlus or applicable public sector contract; if there is no such agreement the Customer Terms and Conditions for Products and/or Services located at [www.ePlus.com](http://www.ePlus.com) govern. No additional or contrary terms in a purchase order shall apply, and ePlus' performance shall not be deemed acceptance of any preprinted PO terms. Use of software, subscription services or other products resold by ePlus is subject to manufacturer/publisher end user agreements or subscription terms. Any periodic payment obligations for specific offerings, along with customer-incurred overages, consumption fees, add-ons, quantity adjustments and automatic renewals are non-cancelable

for any reason except by public sector customers required by law to terminate due to non-appropriation of funds.

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### Customer Acceptance

Signature: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Customer PO #: \_\_\_\_\_

### Bill To

TOWN OF WATERFORD  
 15 ROPE FERRY ROAD  
  
 WATERFORD CT 06385  
 UNITED STATES  
 ED CRANE

### Ship To

TOWN OF WATERFORD  
 15 ROPE FERRY ROAD  
 WATERFORD CT 06385  
 UNITED STATES  
 ED CRANE

**TOWN OF WATERFORD  
CAPITAL PROJECT REQUEST FORM**

**DEPARTMENT/AGENCY**

Waterford IT Committee

**CONTACT PERSON**

Brett Mahoney

**PROJECT NAME**

Camera/Access Security

**DEPARTMENT PRIORITY**

5

**1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**

Cameras and access control systems work together, and help agencies plan during incidents. First Selectman, BOE, PW and EM Youth/Senior Services can monitor conditions for school cancelation, plow routes, etc. Emergency Services can monitor traffic and criminal items, and replay traffic crashes. EM can monitor storm damage, flooding and wires down live via phone, and videos can be saved for potential litigation issues. The plan is for a multi-year buildout of camera and access sites, all using Milestone and S2 software already purchased through the Public Works building project. Four quotes included - Town Hall cameras Town Hall access, and Eugene O'Neill mansion cameras and wiring.

**2 PROJECT STATUS IF IN PROGRESS**

**3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**

**4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**

**5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**

**6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**

**7 COST/FUNDING SOURCE**

|   | FUNDING SOURCE                             | APPROVED<br>FUNDING TO<br>DATE | FY2022         | FY2023   | FY2024   | FY2025   | FY2026   |
|---|--------------------------------------------|--------------------------------|----------------|----------|----------|----------|----------|
| 1 | Current Year Capital                       |                                | 110,000        |          |          |          |          |
| 2 | Utility Budget/Sewer Cap Maint Fund        |                                |                |          |          |          |          |
| 3 | Transfer to CNR                            |                                |                |          |          |          |          |
| 4 | Short/Long-term Bonds                      |                                |                |          |          |          |          |
| 5 | LoCIP (detail in section 5 above)          |                                |                |          |          |          |          |
| 6 | CNR Undesignated Fund Balance              |                                |                |          |          |          |          |
| 7 | Federal/State Grants (detail in section 5) |                                |                |          |          |          |          |
| 8 | Other Funding (detail in section 5 above)  |                                |                |          |          |          |          |
|   | <b>TOTALS</b>                              | <b>0</b>                       | <b>110,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> |



Quote by Stephanie Seymour

O: 203-287-1306 C: 203-974-9070

To: Chief Brett Mahoney  
Waterford Police Department  
Town of Waterford  
[bmahoney@waterfordct.org](mailto:bmahoney@waterfordct.org)

Quote # 2011-36

Date: 11/20/2020

Expires: 12/20/2020

**Project Video Coverage Town Hall  
Town of Waterford**

| Qty.                                                      | Description                                                                                                                                                                           | Part Number     | Each        | Extended           |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|--------------------|
| <b>I. MILESTONE SOFTWARE:</b>                             |                                                                                                                                                                                       |                 |             |                    |
| 24                                                        | XProtect Pro+ Device Device Licenses                                                                                                                                                  | XPPPLUSDL       | \$131.82    | \$3,163.68         |
| 24                                                        | One Year Care Plus Support SUP Device Licenses                                                                                                                                        | YXPPPIUSDL      | \$24.18     | \$580.32           |
| <b>II. CAMERAS -</b>                                      |                                                                                                                                                                                       |                 |             |                    |
| <b>A. Exterior Cameras:</b>                               |                                                                                                                                                                                       |                 |             |                    |
| 1                                                         | Axis P3719-PLE Outdoor Fixed Dome Camera Multi-sensor IP Camera.                                                                                                                      | 01500-001       | \$1,517.43  | \$1,517.43         |
| 1                                                         | Axis T91A64 Corner Bracket                                                                                                                                                            | 5017-641        | \$74.97     | \$74.97            |
| 1                                                         | Axis T91D61 Camera Wall Mount Bracket                                                                                                                                                 | 5504-821        | \$79.72     | \$79.72            |
| 1                                                         | Axis T94N01D Pendant Kit w/                                                                                                                                                           | 01513-001       | \$84.46     | \$84.46            |
| 2                                                         | Axis P1448-LE Outdoor Ready Network Bullet Camera with                                                                                                                                | 01055-001       | \$900.58    | \$1,801.15         |
| 2                                                         | Axis P3375-LVE Outdoor Fixed Dome IP Camera                                                                                                                                           | 01063-001       | \$948.03    | \$1,896.05         |
| <b>B. Interior Camera:</b>                                |                                                                                                                                                                                       |                 |             |                    |
| 5                                                         | Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)                                                                                                                                    | 01178-001       | \$805.68    | \$4,028.38         |
| 11                                                        | Axis M4206-V Fixed Dome Camera 2048x1536 (3MP)                                                                                                                                        | 1240-001        | \$397.63    | \$4,373.94         |
| <b>C. Street Cameras:</b>                                 |                                                                                                                                                                                       |                 |             |                    |
| 3                                                         | Axis Q6125-LE Outdoor PTZ Camera 1920x1080, laser focus 30x optical zoom 12x digital zoom.                                                                                            | 01234-004       | \$3,898.70  | \$11,696.10        |
| 3                                                         | Axis T94A01D PTZ Camera Pendant Kit                                                                                                                                                   | 5505-081        | \$46.80     | \$140.40           |
| 3                                                         | Axis A91G61 Wall Mount Kit                                                                                                                                                            | 5506-951        | \$174.30    | \$522.90           |
| 3                                                         | Axis T91B57 Axis Pole Mount Bracket for Camera                                                                                                                                        | 01470-001       | \$156.00    | \$468.00           |
| 3                                                         | Axis T8123 30 watt POE+ Power Supply for PTZ Camera                                                                                                                                   | 5030-234        | \$298.80    | \$896.40           |
| 3                                                         | Axis T98A57 Axis Surveillance Cabinet Kit Outdoor                                                                                                                                     | 5900-151        | \$322.80    | \$968.40           |
| <b>III. NETWORK:</b>                                      |                                                                                                                                                                                       |                 |             |                    |
| 3                                                         | Cambium AC Power Photo Cell Adapters Kit                                                                                                                                              | 5871325H01      | \$226.80    | \$680.40           |
| 6                                                         | PTP450i Cambium 5 GHz Subscriber Modules                                                                                                                                              | 580210          | \$635.54    | \$3,813.26         |
| 6                                                         | PMP 30W, 56V Power Supply                                                                                                                                                             | 581592          | \$21.60     | \$129.60           |
| 6                                                         | 1' AC Line cord for PTP450                                                                                                                                                            | 544082          | \$4.32      | \$25.92            |
| 6                                                         | Canopy Surge Suppressor                                                                                                                                                               | 489338          | \$30.24     | \$181.44           |
| 6                                                         | Canopy Universal Mounting Bracket                                                                                                                                                     | 427337          | \$46.80     | \$280.80           |
| 6                                                         | Tilt Bracket Assembly                                                                                                                                                                 | 590213          | \$34.80     | \$208.80           |
| 120                                                       | Wuperior Armored Cat 5e Outdoor Ethernet Cable                                                                                                                                        | 315167          | \$1.14      | \$136.80           |
| 4000                                                      | Cat6 Nework Cable                                                                                                                                                                     |                 | \$0.35      | \$1,392.00         |
| 84                                                        | EX-RJ45 Cat6 Connectors                                                                                                                                                               | 100010C         | \$0.81      | \$68.04            |
| <b>IV. SERVER:</b>                                        |                                                                                                                                                                                       |                 |             |                    |
| 1                                                         | Windows Server 2019 STD, 1x Xeon 4210 2.2GHz 10 C CPU, 16GB RAM, 2x 480GB SSD OS R1. 4x 300GB 15K 8TB SATA R5 (RAW) Archive, 2x 1Gb NIC, KB/M, 2x 750W PS, Rails, 3 YR Dell Warranty. | D54M30TB2R-1610 | \$8,562.50  | \$8,562.50         |
| <b>V. INSTALLATIONS COSTS:</b>                            |                                                                                                                                                                                       |                 |             |                    |
| 1                                                         | YR Warranty                                                                                                                                                                           |                 | \$2,200.00  | \$2,200.00         |
| 1                                                         | Misc. Parts                                                                                                                                                                           |                 | \$1,000.00  | \$1,000.00         |
| 1                                                         | Project Management and Engineering                                                                                                                                                    |                 | \$1,200.00  | \$1,200.00         |
| 1                                                         | Installation of Equipment, Setup of Cameras, Camera Views and Milestone Set-up.                                                                                                       | Install         | \$16,000.00 | \$16,000.00        |
| <b>Cost of Equipment and Labor:</b>                       |                                                                                                                                                                                       |                 |             | <b>\$68,171.85</b> |
| <b>Customer to provide:</b>                               |                                                                                                                                                                                       |                 |             |                    |
| 1. Traffic Officer.                                       |                                                                                                                                                                                       |                 |             |                    |
| 2. Network Connectivity                                   |                                                                                                                                                                                       |                 |             |                    |
| 3. Routing done by IT Department                          |                                                                                                                                                                                       |                 |             |                    |
| 4. Supply A/C Power Poles Continuous                      |                                                                                                                                                                                       |                 |             |                    |
| 5. Agreement w/ power company to use Light Pole on street |                                                                                                                                                                                       |                 |             |                    |
| 6. IT Hardware Equipment                                  |                                                                                                                                                                                       |                 |             |                    |



Quote by Stephanie Seymour

O: 203-287-1306 C: 203-974-9070

To: Chief Brett Mahoney

Waterford Police Department

860-442-9451

[bmahoney@waterfordct.org](mailto:bmahoney@waterfordct.org)

Quote # 2007-35

Date: 7/15/2020

Expires: 8/15/2020

**Waterford Beach Park**

| Qty.                         | Description                                                | Part Number | Each       | Extended          |
|------------------------------|------------------------------------------------------------|-------------|------------|-------------------|
| <b>I. MANSION:</b>           |                                                            |             |            |                   |
| 2                            | XProtect Pro+ Device Device Licenses                       | XPPPLUSDL   | \$122.00   | \$244.00          |
| 2                            | One Year Care Plus Support SUP Device Licenses             | YXPPPIUSDL  | \$22.35    | \$44.70           |
| 2                            | Axis Q6125-LE PTZ Network Camera                           | 01234-004   | \$2,846.05 | \$5,692.10        |
| 2                            | Axis T94N01D Pendant Mount for Camera                      | 5505-871    | \$84.46    | \$168.92          |
| 2                            | Axis Midspan T8154 60 Watt                                 | 5901-004    | \$188.81   | \$377.62          |
| 600                          | Cat6 Plenum Cabling                                        | 849231      | \$0.35     | \$208.80          |
| 1                            | Misc. Equipment                                            | Local       | \$100.00   | \$100.00          |
| 4                            | EX-RJ45 Cat6 Connectors                                    | 100010C     | \$0.72     | \$2.88            |
| 1                            | Installation of Equipment - conduit down side of building. |             | \$3,120.00 | \$3,120.00        |
| <b>I. Sub-total Mansion:</b> |                                                            |             |            | <b>\$9,959.03</b> |
| <b>II. POLE at Pavilion:</b> |                                                            |             |            |                   |
| 2                            | XProtect Pro+ Device Device Licenses                       | XPPPLUSDL   | \$122.00   | \$244.00          |
| 2                            | One Year Care Plus Support SUP Device Licenses             | YXPPPIUSDL  | \$22.35    | \$44.70           |
| 2                            | Axis P1448-LE Outdoor Ready Network Bullet Camera          | 01055-001   | \$900.60   | \$1,801.20        |
| 2                            | Axis T91B47 Pole Mount                                     | 01165-001   | \$71.18    | \$142.35          |
| 50                           | Cat6 Plenum Cabling                                        | 849231      | \$0.35     | \$17.40           |
| 4                            | EX-RJ45 Cat6 Connectors                                    | 100010C     | \$0.72     | \$2.88            |
| 1                            | Axis T98A15-VE Surveillance Outdoor Cabinet                | S900-151    | \$235.64   | \$235.64          |
| 1                            | Axis T91A57 Pole Mount Bracket Outdoor Cabinet             | 5507-341    | \$100.74   | \$100.74          |
| 1                            | DIN Rails                                                  | SDR R       | \$12.00    | \$12.00           |
| 1                            | DDIN-Rail Power Supply                                     | SDR-120-48  | \$61.14    | \$61.14           |
| 1                            | TRENDnet 6-port Hardened Unmanaged Gigbit                  | TI-PG62     | \$228.08   | \$228.08          |
| 1                            | Misc. Equipment                                            | Local       | \$100.00   | \$100.00          |
| 1                            | Milestone Set-up of software and camera views.             |             | \$125.00   | \$125.00          |
| 1                            | Installation of Equipment                                  |             | \$2,080.00 | \$2,080.00        |
| <b>II. Sub-total Pole:</b>   |                                                            |             |            | <b>\$5,195.14</b> |
| <b>III. STAGE:</b>           |                                                            |             |            |                   |
| 2                            | XProtect Pro+ Device Device Licenses                       | XPPPLUSDL   | \$122.00   | \$244.00          |
| 2                            | One Year Care Plus Support SUP Device Licenses             | YXPPPIUSDL  | \$22.35    | \$44.70           |
| 2                            | Axis P1448-LE Outdoor Ready Network Bullet Camera          | 01055-001   | \$900.60   | \$1,801.20        |
| 2                            | Axis T91B47 Pole Mount                                     | 01165-001   | \$71.18    | \$142.35          |
| 50                           | Cat6 Plenum Cabling                                        | 849231      | \$0.35     | \$17.40           |
| 4                            | EX-RJ45 Cat6 Connectors                                    | 100010C     | \$0.72     | \$2.88            |
| 1                            | Axis T98A15-VE Surveillance Outdoor Cabinet                | S900-151    | \$235.64   | \$235.64          |
| 1                            | Axis T91A57 Pole Mount Bracket Outdoor Cabinet             | 5507-341    | \$100.74   | \$100.74          |
| <b>Continue on Next Page</b> |                                                            |             |            |                   |

## Waterford Beach Park

| Qty.                              | Description                                       | Part Number | Each       | Extended          |
|-----------------------------------|---------------------------------------------------|-------------|------------|-------------------|
| 1                                 | DIN Rails                                         | SDR R       | \$12.00    | \$12.00           |
| 1                                 | DDIN-Rail Power Supply                            | SDR-120-48  | \$61.14    | \$61.14           |
| 1                                 | TRENDnet 6-port Hardened Unmanaged Gigbit         | TI-PG62     | \$228.08   | \$228.08          |
| 1                                 | Misc. Equipment                                   | Local       | \$100.00   | \$100.00          |
| 1                                 | Milestone Set-up of software and camera views.    |             | \$125.00   | \$125.00          |
| 1                                 | Installation of Equipment                         |             | \$2,080.00 | \$2,080.00        |
| <b>III. Sub-total Stage:</b>      |                                                   |             |            | <b>\$5,195.14</b> |
| <b>VI. PARKING LOT:</b>           |                                                   |             |            |                   |
| 4                                 | XProtect Pro+ Device Device Licenses              | XPPPLUSDL   | \$122.00   | \$488.00          |
| 4                                 | One Year Care Plus Support SUP Device Licenses    | YXPPPIUSDL  | \$22.35    | \$89.40           |
| 4                                 | Axis P1448-LE Outdoor Ready Network Bullet Camera | 01055-001   | \$900.60   | \$3,602.40        |
| 4                                 | Axis T91B47 Pole Mount                            | 01165-001   | \$71.18    | \$284.70          |
| 100                               | Cat6 Plenum Cabling                               | 849231      | \$0.35     | \$34.80           |
| 8                                 | EX-RJ45 Cat6 Connectors                           | 100010C     | \$0.72     | \$5.76            |
| 2                                 | Axis T98A15-VE Surveillance Outdoor Cabinet       | S900-151    | \$235.64   | \$471.29          |
| 2                                 | Axis T91A57 Pole Mount Bracket Outdoor Cabinet    | 5507-341    | \$100.74   | \$201.48          |
| 2                                 | DIN Rails                                         | SDR R       | \$12.00    | \$24.00           |
| 2                                 | DDIN-Rail Power Supply                            | SDR-120-48  | \$61.14    | \$122.28          |
| 2                                 | TRENDnet 6-port Hardened Unmanaged Gigbit         | TI-PG62     | \$228.08   | \$456.17          |
| 1                                 | Misc. Equipment                                   | Local       | \$100.00   | \$100.00          |
| 1                                 | Milestone Set-up of software and camera views.    |             | \$125.00   | \$125.00          |
| 1                                 | Installation of Equipment                         |             | \$3,000.00 | \$3,000.00        |
| <b>IV. Sub-total Parking Lot:</b> |                                                   |             |            | <b>\$9,005.28</b> |
| <b>V. RESTROOM:</b>               |                                                   |             |            |                   |
| 1                                 | XProtect Pro+ Device Device Licenses              | XPPPLUSDL   | \$122.00   | \$122.00          |
| 1                                 | One Year Care Plus Support SUP Device Licenses    | YXPPPIUSDL  | \$22.35    | \$22.35           |
| 1                                 | Axis P1448-LE Outdoor Ready Network Bullet Camera | 01055-001   | \$900.60   | \$900.60          |
| 150                               | Cat6 Plenum Cabling                               | 849231      | \$0.35     | \$52.20           |
| 2                                 | EX-RJ45 Cat6 Connectors                           | 100010C     | \$0.72     | \$1.44            |
| 1                                 | Axis T98A15-VE Surveillance Outdoor Cabinet       | S900-151    | \$235.64   | \$235.64          |
| 1                                 | DIN Rails                                         | SDR R       | \$12.00    | \$12.00           |
| 1                                 | DDIN-Rail Power Supply                            | SDR-120-48  | \$61.14    | \$61.14           |
| 1                                 | Misc. Equipment                                   | Local       | \$100.00   | \$100.00          |
| 1                                 | Milestone Set-up of software and camera views.    |             | \$125.00   | \$125.00          |
| 1                                 | Installation of Equipment                         |             | \$1,680.00 | \$1,680.00        |
| <b>V. Sub-total Restroom:</b>     |                                                   |             |            | <b>\$3,312.38</b> |
| <b>VI. BEACH SHACK:</b>           |                                                   |             |            |                   |
| 1                                 | XProtect Pro+ Device Device Licenses              | XPPPLUSDL   | \$122.00   | \$122.00          |
| 1                                 | One Year Care Plus Support SUP Device Licenses    | YXPPPIUSDL  | \$22.35    | \$22.35           |
| 1                                 | Axis P3719-PL Fixed Dome Camera                   | 01500-001   | \$1,517.45 | \$1,517.45        |
| 1                                 | Axis T91B67 Pole Mount                            | 01473-001   | \$90.16    | \$90.16           |
| <b>Continue on Next Page</b>      |                                                   |             |            |                   |



### Waterford Beach Park

| Qty.                                      | Description                                                                                                                                                                                                                                                            | Part Number    | Each       | Extended           |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|--------------------|
| 30                                        | Cat6 Plenum Cabling                                                                                                                                                                                                                                                    | 849231         | \$0.35     | \$10.44            |
| 2                                         | EX-RJ45 Cat6 Connectors                                                                                                                                                                                                                                                | 100010C        | \$0.72     | \$1.44             |
| 2                                         | DB365W                                                                                                                                                                                                                                                                 | 29248          | \$74.77    | \$149.54           |
| 1                                         | 3" x 10' Antenna Mast                                                                                                                                                                                                                                                  | 581979         | \$253.20   | \$253.20           |
| 1                                         | Milestone Set-up of software and camera views.                                                                                                                                                                                                                         |                | \$125.00   | \$125.00           |
| 1                                         | Installation of Equipment                                                                                                                                                                                                                                              |                | \$1,680.00 | \$1,680.00         |
| <b>VI. Sub-total Beach Shack:</b>         |                                                                                                                                                                                                                                                                        |                |            | <b>\$3,971.58</b>  |
| <b>VII. SERVER:</b>                       |                                                                                                                                                                                                                                                                        |                |            |                    |
| 1                                         | Dell Windows Server 2019 STD 4208 x.1GHZ 8C CPU<br>16GB ECC RAM PERC H730P RAID controller, 2x<br>480GB SSD R1 OS 4x 600GB 15K SAS<br>R10 LIVE, 2x 10TB SATA R5 Archive, 2x GbE NIC,<br>Archive, 2x GbE NIC, 2x 750W PS, Keyboard/Mouse<br>3YR Dell Hardware Warranty. | D54M30TB2R-168 | \$7,995.60 | \$7,995.60         |
| <b>Sub-total Server:</b>                  |                                                                                                                                                                                                                                                                        |                |            | <b>\$7,995.60</b>  |
| <b>I. Sub-total Mansion:</b>              |                                                                                                                                                                                                                                                                        |                |            | <b>\$9,959.03</b>  |
| <b>II. Sub-total Pole:</b>                |                                                                                                                                                                                                                                                                        |                |            | <b>\$5,195.14</b>  |
| <b>III. Sub-total Stage:</b>              |                                                                                                                                                                                                                                                                        |                |            | <b>\$5,195.14</b>  |
| <b>IV. Sub-total Parking Lot:</b>         |                                                                                                                                                                                                                                                                        |                |            | <b>\$9,005.28</b>  |
| <b>V. Sub-total Restroom:</b>             |                                                                                                                                                                                                                                                                        |                |            | <b>\$3,312.38</b>  |
| <b>VI. Sub-total Beach Shack:</b>         |                                                                                                                                                                                                                                                                        |                |            | <b>\$3,971.58</b>  |
| <b>Total Cost of Equipment and Labor:</b> |                                                                                                                                                                                                                                                                        |                |            | <b>\$44,634.14</b> |

#### Customer to Supply:

1. Supply and install poles w/ power to box at designated location.
2. Supply Fiber/Network Connectivity to light poles and /or camera poles.
3. Supply Fiber/Network Connectivity at Mansion, stage area, Beach Parking lot, Beach Restroom and Beach Shack.
4. Supply A/C Power to locations.
5. Town supply conduit from Tree to Restroom.
6. Supplying routing information.

**Thank you**



## D/E/F Services Group, Ltd

1171 Voluntown Rd., Griswold, CT 06351

(860) 376 – 4896, Fax (860) 376 – 1213

(AA/EOE)

“The Value of One”

**August 25, 2020**

### **Low Voltage**

#### **SUBJECT: Waterford Beach Fiber Project**

D/E/F Services Group, Ltd is proud to present the following proposal to the Town Of Waterford to supply labor and material to install single mode fiber and Cat 6 cable to the Waterford Beach for to be used for a camera system.

#### **Project Scope**

- D/E/F will install a 6 strand fiber from the barn to the Attic in the Mansion that will make use of newly installed ¼” strand mounted on poles.
- D/E/F will provide a bucket truck for the installation of the pole hardware.
- Terminations will be LC fusion spliced connections.
- Each of the above locations will make use of stanchions that will be used to mount Hubbell NEMA boxes used to contain Switches (provided by others). All boxes to be properly grounded.
- All poles will be mounted on bases. These pole bases and associated conduit runs are provided by others.
- Cat 6 cable will be runs will be added to the front corners of the mansion to be used for future cameras.
- All drops will be:
  - Run using Cat 6 Plenum rated cables
  - Supported every 4-6 feet where necessary
  - Make use of proper penetrations where necessary
  - Certified with test reports available upon request

**Total Price:**

**\$7,445.00**

#### **Statement of Clarifications and Exclusions:**

- 120 Volt power is **excluded**
- Bid Bond, Performance and Payment Bonds are **excluded**
- Installation of additional grounding methods/means is **excluded**
- Any and all utility fees and/or usage charges for power is **excluded**
- Dumpster, trash / debris removal from site is **excluded**
- Saw-cut slab and Patch to Match is **excluded**
- Any and all site work outside of scope is **excluded**
- Overtime / additional time caused by delays due to other trades or schedule acceleration is **excluded**
- Additional work requested by customer will be performed on a **Time & Material** basis with labor at current service rate (\$85.00/hour) and material at cost plus 20% with all applicable taxes and fees.
- This proposal is contingent upon a complete scope review between the authorized personnel and D/E/F Services to ensure over-all project intent.

#### **Commercial Clarifications:**

1. For projects with an estimated completion time of **forty-five (45) days or less**, a down payment of 1/3 of the contract total is due upon contract signing. Another payment of 1/3 of the contract total is due upon completion of rough-in inspection. The remainder of the contract is to be paid out upon completion of work.
2. For projects with an estimated completion time **over forty-five (45) days**, project billing will be monthly or as a project section or unit is completed and payment is required no more than **net thirty (30) days**.
3. Paid when paid will not be an acceptable contract option.

4. Retention will not be more than 30 days / 90 days upon project substantial completion @ 7.5%
5. This proposal is valid for a period of thirty (30) days.
6. State of Connecticut sales tax is **excluded** in this proposal
7. Fee for required permits has been **excluded**
8. All work to be performed 7:00 AM to 3:30 PM Monday through Friday, excluding holidays and overtime.

**Warrants:**

All work is warranted for a period of one year from substantial completion.

**Schedule:**

D/E/F Services Group could be on site and prepared to start installation within (15) days after receipt of a purchase order or notice to proceed.

If you have any questions regarding this proposal, please do not hesitate to call us.

Please sign and return this proposal (below) if this proposal is acceptable and you would like begin coordination to proceed.

Regards,

David Hatch  
Low Voltage Project Manager  
DHatch@DEFWiring.com  
Direct # (860) 213-0081

**D/E/F SERVICES GROUP:**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

**CUSTOMER:**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

Purchase  
order: \_\_\_\_\_

To initiate order please

1. Fax back to 860.376-1213, or
2. Email copy to dhtach@defwiring.com



Quoted by Stephanie D. Seymour

920 SHERMAN AVENUE HAMDEN, CT 06514

(203) 287-1306 FAX (203)248-9167

ATTN: Dave Garside  
Municipal Facilities Manager  
Town of Waterford  
860-235-9783  
[dgarside@waterfordct.org](mailto:dgarside@waterfordct.org)

## QUOTE # 2007-30

Rev 1

11/16/2020

Expires:  
12/16/2020

### Waterford S2 Access Control - Budge Estimate Town Hall

| QTY.                      | DESCRIPTION                                                                                                                                                                                        | PER UNIT   | EXTENDED    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|
| 1                         | S2-SL2 Expansion 16 Portal to 32 Portal for existing system.                                                                                                                                       | \$1,677.00 | \$1,677.00  |
| 2                         | S2-NN-E2R-WM S2 Network Node wall mount with 1 ACM blade                                                                                                                                           | \$2,015.00 | \$4,030.00  |
| 1                         | S2-ACM Access Control Blades - 2 doors per blade.                                                                                                                                                  | \$577.20   | \$577.20    |
|                           | 1 - front double, 2 First Selectman's exterior door, 3 existing back parking lot HID reader door, 4 double door adjacent to reader needs door "schedule" not reader, 5 roof door and 6 Auditorium. |            |             |
| 4                         | RP15 HID Access Reader Proximity Multiclass                                                                                                                                                        | \$198.65   | \$794.61    |
|                           | 1 - Front double door, 2 = First Selectman's Exterior, 3 = roof access and 4 Auditorium.                                                                                                           |            |             |
| 2                         | HES 5000C ASSA Abloy Electric Strike - 1st Selectman's exterior and roof access.                                                                                                                   | \$128.70   | \$257.40    |
| 1                         | M56AF Motor Assembly Sargeant 80 Series push bars needed for the Auditorium Door.                                                                                                                  | \$623.86   | \$623.86    |
| 2                         | HES 9500-630 ASSA Abloy Surface Mount Door Hardware - Front double door - both sides.                                                                                                              | \$334.88   | \$669.76    |
| 6                         | AMS-39B Potter Standard Surface Mount Contact                                                                                                                                                      | \$13.00    | \$78.00     |
| 100                       | 849231 General cable CAT6 Plenum                                                                                                                                                                   | \$0.35     | \$35.00     |
| 600                       | 4342T Control Cable                                                                                                                                                                                | \$1.25     | \$748.80    |
| 3                         | AX-600ULPD8 Power Supply                                                                                                                                                                           | \$296.40   | \$889.20    |
| 5                         | UA12V6A Altronix 12 VDC 7Ah battery for battery back up                                                                                                                                            | \$27.30    | \$136.50    |
| 1                         | Misc Equipment                                                                                                                                                                                     | \$100.00   | \$100.00    |
| 1                         | Project Managerment                                                                                                                                                                                | \$500.00   | \$500.00    |
| 1                         | Install S2 equipment, pull cable, add electric door locks and HID access readers.                                                                                                                  | \$5,280.00 | \$5,280.00  |
| Cost of S2 Access System: |                                                                                                                                                                                                    |            | \$16,397.33 |
| THANK YOU                 |                                                                                                                                                                                                    |            |             |

#### \*\*Note

1. Customer must supply Networking to S2 Controller
2. Customer must complete Network routing.