## PROJECT SUMMARY SHEET

Project Name: PY to 440 Beulah Rd NE
Project \#:
TBD
Prepared by:
Rafael Garcia de Leon
Date:
06/27/18
Town: Town of Vienna

| INET Labor | estimate |  |  |  | actual |  |
| :--- | :---: | ---: | :--- | :---: | ---: | :---: |
| variance |  |  |  |  |  |  |
| Underground Construction | $\$$ | $19,792.66$ | $\$$ |  | - | $\$$ |
| $19,792.66$ |  |  |  |  |  |  |
| Aerial Construction | $\$$ | $4,800.76$ | $\$$ |  | - | $\$$ |
| Coax \& Fibers | $\$$ | $2,815.98$ | $\$$ |  | - | $\$$ |
| MTC \& MDU | $\$$ | - | $\$$ | -800.76 |  |  |
| Network Pwr, Monitor \& Sweep | $\$$ | - | $\$$ | - | $\$$ | - |
| Additional Labor | $\$$ | $7,120.42$ | $\$$ | - | $\$$ | - |
| Subtotal | $\$$ | $34,529.82$ | $\$$ | - | $\$$ | $7,120.42$ |


| INET Bill of Materials |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Underground Material | $\$$ | $1,939.16$ | $\$$ | - | $\$$ | $1,939.16$ |
| Strand Material | $\$$ | 419.26 | $\$$ | - | $\$$ | 419.26 |
| Cable Material | $\$$ | - | $\$$ | - | $\$$ | - |
| Amp/LE Material | $\$$ | - | $\$$ | - | $\$$ | - |
| Tap/Splitter Material | $\$$ | - | $\$$ | - | $\$$ | - |
| Power Supply Material | $\$$ | - | $\$$ | - | $\$$ | - |
| Fiber Material | $\$$ | $3,429.63$ | $\$$ | - | $\$$ | $3,429.63$ |
| Subtotal | $\$$ | $5,788.05$ | $\$$ | - | $\$$ | $5,788.05$ |
|  |  | $4,031.79$ |  |  | $\$$ | $4,031.79$ |
| County Contingency $(10 \%)$ | $\$$ | $44,349.66$ | $\$$ | - | $\$$ | $44,349.66$ |
| GRAND TOTAL | $\$$ |  |  |  |  |  |

NOTE: Pursuant to Section 7(f)(1) of the 1998 Cable Franchise Agreement, Cox is responsible for costs associated with extending its plant up to 300 feet towards each public school or public building. If it is necessary to extend the plant for more than 300 feet solely to provide service to such public school or building, Fairfax County is responsible for the remainder of the direct costs in excess of 300 feet to extend Cox's plant to reach the building. Cox will provide the first drop for HSN service at no charge to the County.

| Task Code | Description | UOM |  | Price | Proposed Quantity | Proposed <br> Total Cost | Actual Quantity | Actual Total Cost | Delta Quantity | Delta - Total Cost |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UNDERGROUND CONSTRUCTION |  |  |  |  |  |  |  |  |  |  |
| 196 | Trench (hand 18") | foot | - | 4.97 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 197 | Trench (hand 24") | foot | \$ | 4.97 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 198 | Trench (hand 30") | foot | S | 5.30 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 199 | Trench (hand 36") | foot | \$ | 5.63 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 202 | Rock Saw 36" cover | foot | \$ | 11.92 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 203 | Trench (asphalt) 24" depth up to 12" width | foot | \$ | 6.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 204 | Trench (asphalt) 30" depth up to 12" width | foot | \$ | 7.29 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 205 | Trench (asphalt) 36 " depth up to 12" width | foot | \$ | 7.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 206 | Trench (asphalt) $48^{\prime \prime}$ depth up to 12" width | foot | \$ | 7.95 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 208 | Add Steel Black Iron Pipe 2" Conduit | foot | \$ | 1.32 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 209 | Add Steel Black Iron Pipe 4" Conduit | foot | \$ | 1.66 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 210 | Add Steel Black Iron Pipe 6" Conduit | foot | S | 1.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 211 | Add Steel Black Iron Pipe Sweeps (2") | each | \$ | 9.27 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 212 | Add Steel Black Iron Pipe Sweeps (4") | each | \$ | 13.25 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 213 | Add Steel Black Iron Pipe Sweeps (6") | each | \$ | 14.57 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 214 | Additional Poly Pipe / Roll Pipe 1.5" | foot |  | 0.73 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 217 | Add Innerduct (any size) | foot | \$ | 0.79 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 220 | Perform Residential Bore Directional 6" Reemer w/ Conduit | foot | \$ | 12.59 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 221 | Perform Residential Bore Directional 3" Reemer w/ Conduit | foot | \$ | 7.95 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 222 | Perform Residential Bore Directional 5" Reemer w/ Conduit | foot |  | 11.92 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 223 | Perform Residential Bore Directional 8" Reemer w/ Conduit | foot | \$ | 13.25 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 224 | Perform Residential Bore Directional 2" Reemer w/ Conduit | foot | \$ | 10.60 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 225 | Perform Residential Bore Directional 4" Reemer w/ Conduit | foot | \$ | 11.92 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 226 | Perform Bore - Highway | foot | \$ | 55.65 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 227 | Perform Bore - Railroad | foot | \$ | 55.65 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 229 | Perform Saw Cut | foot | S | 2.78 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 232 | Remove Riser | each | \$ | 22.52 | 4 | \$90.08 |  | \$0.00 | 4 | \$90.08 |
| 234 | Pull Coax Cable | foot | \$ | 0.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 233 | Remove Cable/Fiber | foot | \$ | 0.53 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 235 | Pull Coax through Occupied Conduit | foot | \$ | 1.19 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 236 | Pull Fiber Cable | foot | \$ | 1.19 | 2169 | \$2,581.11 |  | \$0.00 | 2169 | \$2,581.11 |
| 237 | Pull Fiber through Occupied Conduit | foot | \$ | 1.66 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 238 | Pull Power Cable | foot | \$ | 0.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 239 | Pull Telephone Cable | foot | \$ | 0.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 241 | Install Riser Cable Commercial Building | foot | S | 1.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 242 | Pull Conduit Tape | foot | \$ | 0.29 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 244 | Verify Conduit (Rod and Rope) | foot | \$ | 0.73 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 245 | Install Pedestal (small/tap) | each | \$ | 33.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 246 | Install Pedestal (medium/LE) | each | \$ | 46.37 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 247 | Install Pedestal (large/amp) | each | \$ | 66.25 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 248 | Install Pedestal (x-large/node) | each | \$ | 132.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 249 | Remove Pedestal (small/tap) | each | \$ | 6.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 250 | Remove Pedestal (medium/LE) | each | \$ | 6.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 251 | Remove Pedestal (large/amp) | each | \$ | 6.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 252 | Remove Pedestal (x-large/node) | each | S | 19.87 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 255 | Install Vault (small) w/ gravel | each | \$ | 99.37 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 253 | Remove Vault (large) | each | \$ | 112.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 254 | Remove Vault (x-large/node) | each | \$ | 125.87 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 256 | Install Vault (medium) w/ gravel | each | \$ | 119.24 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 257 | Install Vault (large) w/ gravel | each | \$ | 264.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 258 | Install Vault (x-large/node) w/ gravel | each | S | 331.24 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 259 | Install Fiberglass Vault (x-large) | each | \$ | 331.24 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 260 | Remove Vault (small) | each | \$ | 106.00 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 261 | Remove Vault (medium) | each | \$ | 106.00 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 266 | Rock Trench 48" cover | foot | \$ | 15.90 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 267 | Place 1" Conduit in Trench | foot | \$ | 0.79 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 268 | Place 2" Conduit in Trench | foot | S | 0.79 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 269 | Place 3" Conduit in Trench | foot | \$ | 0.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 270 | Place 4" Conduit in Trench | foot | \$ | 1.13 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 271 | Place Additional 1" Conduit in Trench | foot | \$ | 0.60 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 272 | Place Additional 2" Conduit in Trench | foot | \$ | 0.60 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 273 | Place Additional 3" Conduit in Trench | foot | \$ | 0.66 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 274 | Place Additional 4" Conduit in Trench | foot | \$ | 0.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 277 | Place Steel Black Iron Pipe 2" Conduit | foot | \$ | 3.97 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 278 | Place Steel Black Iron Pipe 4" Conduit | foot | \$ | 5.30 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 279 | Place Steel Black Iron Pipe $6^{\prime \prime}$ Conduit | foot | \$ | 6.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 280 | Perform Metro Bore Directional 2" Reemer w/ Conduit | foot | \$ | 26.50 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 281 | Perform Metro Bore Directional 3" Reemer w/ Conduit | foot | \$ | 26.50 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 282 | Perform Metro Bore Directional 4" Reemer w/ Conduit | foot | \$ | 29.15 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 283 | Perform Metro Bore Directional 5" Reemer w/ Conduit | foot | \$ | 33.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 284 | Perform Metro Bore Directional 6" Reemer w/ Conduit | foot | \$ | 34.45 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 285 | Perform Metro Bore Directional 8" Reemer w/ Conduit | foot | \$ | 39.75 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 286 | Perform Non Directional Bore 3" Reemer w/ Conduit | foot | \$ | 8.61 | 1919 | \$16,522.59 |  | \$0.00 | 1919 | \$16,522.59 |
| 287 | Perform Non Directional Bore 4" Reemer w/ Conduit | foot | \$ | 9.94 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 288 | Vacuum Pothole | each | \$ | 21.20 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 302 | Remove and Replace Brick | foot | \$ | 15.90 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 292 | Set vault traffic rated - small | each | \$ | 298.11 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 293 | Set vault traffic rated - medium | each | \$ | 397.48 | 1 | \$397.48 |  | \$0.00 | 1 | \$397.48 |
| 294 | Set vault traffic rated - large | each | \$ | 529.98 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 295 | Install Riser Guard Schedule 80 | each | \$ | 50.35 | 4 | \$201.40 |  | \$0.00 | 4 | \$201.40 |
| 297 | Pull Additional Cable Fiber or Coax | foot | \$ | 0.53 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300 | Install Concrete Vault (4x6x4) | each | \$ | 794.96 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 305 | Remove and Replace Concrete (per sq ft) 4" thick | foot2 | \$ | 11.92 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 304 | Sidewalk / Driveway Replacement (per sq ft) | foot2 | \$ | 17.22 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 306 | Trench (machine 24" cover) | foot | \$ | 4.97 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 307 | Trench (machine 30" cover) | foot | \$ | 5.30 |  | \$0.00 |  | \$0.00 | 0 | $\$ 0.00$ |
| 308 | Trench (machine 36" cover) | foot | \$ | 5.96 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 309 | Trench (machine 42" - 48") | foot | \$ | 6.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 71 | Trench Drop 6" to 100' w/ Sidewalk Bore | each | \$ | 132.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 72 | Trench Drop 101' and up w/ Sidewalk Bore | each | \$ | 132.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 194 | Remove and Replace Sod (per sq ft) | foot2 | \$ | 0.42 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 195 | Restore Sod (per sq ft) | foot2 | \$ | 0.42 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 200 | Rock Saw 24" cover | foot | \$ | 11.92 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |


| Task Code | Description | UOM |  | Price | Proposed Quantity | Proposed Total Cost | Actual Quantity | Actual Total Cost | Delta Quantity | Delta - Total Cost |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 201 | Rock Saw 30" cover | foot | \$ | 11.92 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 207 | Add Galvanized Sweeps (4") | each | \$ | 33.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 215 | Quad Pipe Conduit Structure (4x) 2" conduits | foot | \$ | 2.52 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 216 | Add CIC Pipe (Cable-in Conduit) | foot | \$ | 0.93 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 218 | Perform Plow 18" - 24" Depth | foot | \$ | 4.31 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 219 | Perform Core Manhole | foot | \$ | 205.37 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 263 | Remove and Replace Asphalt 4" | foot | \$ | 27.16 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 228 | Perform Mill Cut (per ft) | foot | \$ | 11.26 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 230 | Set man-hole traffic rated - large | each | \$ | 1,589.93 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 231 | Install Riser Guard (Steel) Galvanized | each | \$ | 37.10 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 240 | Blow Fiber | foot | \$ | 0.64 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 243 | Pull Locating Wires | foot | \$ | 0.29 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 262 | Underground Wreckout | foot | \$ | 0.26 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 289 | Cut and Restore Gravel | foot | \$ | 3.05 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 264 | Asphalt Adder over 4" (per inch per sq ft) | inch/foot2 | \$ | 1.85 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 265 | Remove and Replace Granite (per linear ft) | foot | \$ | 33.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 275 | Poly Pipe/Roll Pipe 1" for Service Laterals | foot | \$ | 1.26 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 276 | Add Y Intercept Conduit | each | \$ | 53.00 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 290 | Hand Dig Pothole 3'x3' $3^{\prime}$ ' Spot Utility | each | \$ | 132.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 291 | Hand Dig Pothole 3'x3'x3' Repair Conduit | each | \$ | 139.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 296 | Install Stand-off Riser | each | \$ | 45.05 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 298 | Install Temporary Steel Plate (Per Day Per Plate) | day/plate | \$ | 39.75 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 299 | Install Concrete Vault ( $4 \times 4 \times 4$ ) | each | \$ | 662.47 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 301 | Haul, Disposal, and Fill Aggregate (Per Cubic Ft) | foot3 | \$ | 7.95 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 303 | Remove and Replace Stone | foot | \$ | 15.90 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| Subtotal |  |  |  |  |  | \$19,792.66 |  | \$0.00 |  | \$19,792.66 |
| AERIAL CONSTRUCTION |  |  |  |  |  |  |  |  |  |  |
| 1 | Install Screw Anchors | each | \$ | 46.70 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 2 | Install Bust Anchors | each | \$ | 46.70 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 7 | Remove Down Guy / Anchor | each | \$ | 34.45 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 11 | Install Guy, Guy Guard and Anchors | each | \$ | 50.35 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 13 | Wreckout - Aerial | foot | \$ | 0.20 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 15 | Vertical and Ground Rod | each | \$ | 23.85 | 2 | \$47.70 |  | \$0.00 | 2 | \$47.70 |
| 17 | Bond to Vertical / Strand | each | \$ | 5.30 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 22 | Lash Coax and Fiber Cable | foot | \$ | 0.66 | 5706 | \$3,765.96 |  | \$0.00 | 5706 | \$3,765.96 |
| 19 | Lash Additional Coax and fiber Cable | foot | \$ | 0.20 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 20 | Drop down and put up splice case | each | + | 106.00 | 4 | \$424.00 |  | \$0.00 | 4 | \$424.00 |
| 21 | Remove and rebuild storage loop | each | \$ | 112.62 | 5 | \$563.10 |  | \$0.00 | 5 | \$563.10 |
| 23 | Hang Self-Support Cable | foot | \$ | 1.19 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 24 | Install Tree Guard | foot | \$ | 6.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 27 | Place Pole Band | each | \$ | 55.65 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 28 | Pole Transfer - Straight | each | \$ | 47.70 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 29 | Pole Transfer - Curved | each | \$ | 47.70 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 30 | Pole Transfer - Dead End | each | \$ | 59.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 31 | Pole Transfer - T | each | \$ | 59.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 32 | Pole Transfer - 4 Way | each | \$ | 59.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 34 | Install $5 / 166^{\prime \prime}$ Strand | foot | \$ | 0.50 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 35 | Install Extension Arm | each | \$ | 18.55 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 18 | Set Pole - 35' | each | \$ | 264.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 3 | Install Expansion Anchors | each | ¢ | 46.70 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 4 | Install Rock Anchors | each | \$ | 79.50 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 5 | Remove Anchors | each | \$ | 30.47 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 6 | Remove Down Guy | each | \$ | 6.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  | Install Down Guys | each | \$ | 15.57 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 8 | Install Sidewalk ARM for Guy | each | \$ | 33.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 10 | Install Guy and Guy Guard | each | \$ | 17.89 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 12 | Re-tension Guys | each | \$ | 12.59 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 14 | Vertical Ground ONLY | each | \$ | 18.88 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 16 | Compression Bond | each | \$ | 9.27 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 26 | Remove Pole | each | \$ | 125.87 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 25 | Perform Tree Trimming | foot | \$ | 0.19 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 33 | Install 1/4" Strand | foot | \$ | 0.40 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 36 | Re-tension Strand | foot | \$ | 0.29 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| Subtotal |  |  |  |  |  | \$4,800.76 |  | \$0.00 |  | \$4,800.76 |
| COAX \& FIBERS |  |  |  |  |  |  |  |  |  |  |
| 37 | Splicing Passive Spliter | each | \$ | 33.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 38 | Splicing Passive Straight (Pin Fittings) | each | \$ | 23.85 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 39 | Splicing Passive Tap (End-of-Line) | each | \$ | 29.15 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 40 | Splicing Active - Line Extender | each | \$ | 79.50 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 41 | Splicing Active - Distribution Amp | each | S | 125.87 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 42 | Splicing Active - Node | each | \$ | 152.37 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 43 | Change Face Plate | each | \$ | 17.89 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 80 | Remove Aerial | each | \$ | 11.92 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 82 | Transfer Aerial Drop | each | \$ | 6.29 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 86 | OTDR New Fiber on reel (per fiber) | each | \$ | 3.15 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 88 | Certify Node | each | \$ | 205.37 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 91 | Fusion splice optical fiber ( $1-12$ ) | each | \$ | 33.12 |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| 93 | Fusion splice optical fiber ( $13-48$ ) | each | \$ | 33.12 | 18 | \$596.16 |  | \$0.00 | 18 | \$596.16 |
| 95 | Fusion splice optical fiber (49-96) | each |  | 29.15 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 97 | Fusion splice optical fiber (97-144) | each | \$ | 26.50 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 99 | Fusion splice optical fiber (145-192) | each | \$ | 26.50 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 101 | Fusion splice optical fiber (193-240) | each | \$ | 19.87 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 103 | Fusion splice optical fiber (241-288) | each | \$ | 18.55 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 109 | Prepare fiber optic enclosure (2 Fiber Cables) | each | + | 185.49 | 3 | \$556.47 |  | \$0.00 | 3 | \$556.47 |
| 110 | Prepare fiber optic enclosure (3 Fiber Cables) | each | \$ | 185.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |


| Task Code | Description | UOM |  | Price | Proposed Quantity | Proposed <br> Total Cost | Actual Quantity | Actual Total Cost | Delta Quantity | Delta - Total Cost |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 111 | Prepare fiber optic enclosure (4 Fiber Cables) | each | \$ | 185.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 112 | Prepare fiber optic enclosure (5 Fiber Cables) | each | \$ | 185.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 113 | Prepare fiber optic enclosure (6 Fiber Cables) | each | \$ | 185.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 114 | Prepare fiber optic enclosure (7 Fiber Cables) | each | \$ | 185.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 115 | Prepare fiber optic enclosure (8 Fiber Cables) | each | \$ | 185.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 122 | Old Enclosure/Prep Cables/Re-entry | each | \$ | 185.49 |  | \$185.49 |  | \$0.00 | 1 | \$185.49 |
| 123 | Install Splice Enclosure (1-144 fibers) | each | \$ | 172.24 | 1 | \$172.24 |  | \$0.00 | 1 | \$172.24 |
| 124 | Install Splice Enclosure (145 + fibers) | each | \$ | 165.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 125 | Install Jumper | each | \$ | 72.87 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 126 | Install New Node with Coax | each | \$ | 185.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 79 | Aerial Install | each | \$ | 47.70 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 73 | Plow Drop 18" | foot | \$ | 1.52 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 74 | Additional Bore under Driveway | foot | \$ | 3.97 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 75 | Push/Pull Drop Wire Single | each | \$ | 33.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 76 | Push/Pull Drop Wire Dual | each | \$ | 38.42 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 77 | Push/Pull Drop Wire Single per foot | foot | \$ | 0.25 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 78 | Install 1" conduit w/ drop (CIC) | foot | \$ | 1.02 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 81 | Install Aerial Mid-span | each | \$ | 42.40 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 83 | Locate Drop | each | \$ | 7.29 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 84 | Disconnect / Reconnect Drops | each | \$ | 7.95 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 85 | Replace Fittings | each | \$ | 2.65 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 87 | Install Patch Panel | each | \$ | 165.62 | 1 | \$165.62 |  | \$0.00 | 1 | \$165.62 |
| 92 | Hot Fusion splice optical fiber (1-12) | each | \$ | 33.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 89 | Fusion splice optical fiber (385-432) | each | \$ | 18.55 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 90 | Hot Fusion splice optical fiber (385-432) | each | \$ | 18.55 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 94 | Hot Fusion splice optical fiber (13-48) | each | \$ | 33.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 96 | Hot Fusion splice optical fiber (49-96) | each | \$ | 29.15 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 98 | Hot Fusion splice optical fiber (97-144) | each | \$ | 26.50 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 100 | Hot Fusion splice optical fiber (145-192) | each | \$ | 26.50 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 102 | Hot Fusion splice optical fiber (193-240) | each | \$ | 19.80 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 104 | Hot Fusion splice optical fiber (241-288) | each | \$ | 18.55 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 105 | Fusion splice optical fiber (289-336) | each | \$ | 18.55 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 106 | Hot Fusion splice optical fiber (289-336) | each | \$ | 18.55 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 107 | Fusion splice optical fiber (337-384) | each | \$ | 18.55 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 108 | Hot Fusion splice optical fiber (337-384) | each | \$ | 18.55 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 116 | Prepare fiber optic enclosure (9 Fiber Cables) | each | \$ | 185.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 117 | Prepare fiber optic enclosure (10 Fiber Cables) | each | \$ | 185.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 118 | Prepare fiber optic enclosure (11 Fiber Cables) | each | \$ | 185.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 119 | Prepare fiber optic enclosure (12 Fiber Cables) | each | \$ | 185.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 120 | Express Entry 0-73 Ct Fusion Splices | each | \$ | 211.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 121 | Express Entry $74-288 \mathrm{Ct}$ Fusion Splices | each | \$ | 225.24 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| C81 | Fiber Splicing Set Up Charge | each | \$ | 380.00 | 3 | \$1,140.00 |  | \$0.00 | 3 | \$1,140.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| Subtotal |  |  |  |  |  | \$2,815.98 |  | \$0.00 |  | \$2,815.98 |
| MTC \& MDU |  |  |  |  |  |  |  |  |  |  |
| 127 | Install Fiber Ladder per Section | each | \$ | 55.65 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 128 | Install Backboard (each) incl. material | each | \$ | 62.93 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 129 | Pull Hard Line Coax | foot | \$ | 1.46 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 130 | Pull Distribution Fiber | foot | \$ | 1.46 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 131 | Remove Drop Cable/Wire/Fiber | foot | \$ | 0.60 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 132 | Install Internal EMT Riser (2") per foot | foot | \$ | 5.96 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 133 | Install External EMT Riser (2") per foot | foot | \$ | 5.96 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 137 | Perform X-Ray Before Core Bores (<6") | each | \$ | 463.73 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 138 | Perform X-Ray Before Core Bores (>6") | each | \$ | 728.72 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 145 | Install lockbox small | each | \$ | 46.37 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 146 | Install lockbox medium | each | \$ | 46.37 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 147 | Install lockbox large | each | \$ | 46.37 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 148 | Remove and Repair Lockbox | each | \$ | 31.47 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 151 | Install/remove Fiber Patch Panel | each | \$ | 192.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 154 | Pre-wire RG6 per drop | each | \$ | 43.06 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 152 | Pre-wire Cat-5 | each | \$ | 33.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 157 | Post-wire | each | \$ | 66.25 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 155 | Wall Fish | each | \$ | 39.75 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 156 | Remove Post-wire | each | \$ | 11.92 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 158 | Perform Core Bore (4") - Concrete | each | \$ | 198.74 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 159 | Pull Conduit Tape | foot | \$ | 0.13 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 160 | Rod and Rope Conduit | foot | \$ | 0.73 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 161 | Install External PVC Conduit (2") per foot | foot | \$ | 3.64 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 162 | Install Internal Molding (Plastic) per foot | foot | \$ | 1.19 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 165 | Perform Core Bore (3") - Concrete | each | \$ | 158.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 169 | Tag, Tone and Label | each | \$ | 9.27 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 134 | Install Internal Molding (Metal) per foot | foot | \$ | 1.52 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 135 | Install External Molding (Plastic) per foot | foot | \$ | 1.19 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 136 | Install External Molding (Metal) per foot | foot | \$ | 1.52 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 139 | Splice Copper Pair Additional | each | \$ | 2.52 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 140 | Trim Out / Finish (Coax) | each | \$ | 5.30 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 141 | Trim Out / Finish (Copper) | each | \$ | 6.62 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 142 | Pull Copper (50-200 Pairs) | foot | \$ | 1.72 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 143 | Pull Copper (300-600 Pairs) | foot | \$ | 2.65 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 144 | Pull Copper (900-1200 Pairs) | foot | \$ | 4.64 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 149 | Install VLP (<50 Pairs) | each | \$ | 72.87 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 150 | Install VLP (>50 Pairs) | each | \$ | 86.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 153 | Pre-wire Telephone 6 or 8 pairs | each | \$ | 33.12 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 163 | Perform Core Bore (1") - Concrete | each | \$ | 158.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 164 | Perform Core Bore (2") - Concrete | each | \$ | 158.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 168 | Drop Audit | each | \$ | 13.25 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 166 | Install Junction Box (Closet Box, etc.) | each | \$ | 13.25 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 167 | Install Junction Box w/ Power Outlet (Closet Box, etc.) | each | \$ | 13.25 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 170 | Splice Copper Pair | each | \$ | 2.65 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |


| Task Code | Description | UOM |  | Price | Proposed Quantity | Proposed <br> Total Cost | Actual Quantity | Actual Total Cost | Delta Quantity | $\begin{gathered} \hline \text { Delta - Total } \\ \text { Cost } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| Subtotal |  |  |  |  |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| NET PWR |  |  |  |  |  |  |  |  |  |  |
| 172 | Install Aerial Metered Power Supply - Labor \& Material | each | \$ | 728.72 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 173 | Install Underground Metered Power Supply - Labor \& Material | each | \$ | 993.71 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 174 | Install Aerial Un-Metered Power Supply - Labor \& Material | each | \$ | 662.47 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 175 | Install Underground Un-Metered Power Supply - Labor \& Material | each | \$ | 861.21 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 176 | Wreckout Power Supply | each | \$ | 152.37 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 177 | Pole Transfer Power Supply | each | \$ | 298.11 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 178 | Install Rhino Power Supply Cabinet | each | \$ | 1,324.94 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 179 | Obtain Power Supply Permit | each | \$ | 198.74 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ |  |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ |  |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| SYS MON \& SWEEP |  |  |  |  |  |  |  |  |  |  |
| 181 | Install Node Transponder | each | \$ | 66.25 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 182 | Install Power Supply Transponder | each | \$ | 79.50 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 184 | Perform F\&R Sweep \& Balance | foot | \$ | 0.19 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 171 | Install Ballard Posts | each | \$ | 119.24 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 180 | Install Additional Battery Cabinet | each | \$ | 238.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 183 | Install Passive Device Transponder | each | \$ | 53.00 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 185 | Perform F\&R Sweep \& Balance \& Certification (Coax) | foot | \$ | 0.30 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| Subtotal |  |  |  |  |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| Additional Labor |  |  |  |  |  |  |  |  |  |  |
| 186 | Hire Testing Fiber (for a non-construction request) | hour | \$ | 211.99 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 187 | Trip Charge | each | \$ | 66.25 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 188 | Set Up Charge (per instance) | each | \$ | 72.87 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 189 | Hire Overhead Crew | hour | \$ | 132.49 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 190 | Hire Underground Crew (2 men only) | hour | \$ | 125.87 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 191 | Hire MDU Crew (2 men only) | hour | \$ | 92.75 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 192 | Hire SRO Crew (1 man) | hour | \$ | 59.62 | 48 | \$2,861.76 |  | \$0.00 | 48 | \$2,861.76 |
| 193 | Hire Fiber Splicer for Troubleshooting/Emergency | hour | \$ | 119.24 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 400 | HSN-Fiber-I-NET package | pkg | \$ | 1,457.43 | 1 | \$1,457.43 |  | \$0.00 | 1 | \$1,457.43 |
| 401 | HSN-Coax-I-NET package | pkg | \$ | 1,457.43 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 402 | Design and enigneerintg over 2,500 ft | foot | \$ | 0.24 | 5125 | \$1,230.00 |  | \$0.00 | 5125 | \$1,230.00 |
| 403 | Pole profiles for Power Pole Applications and VDOT | pole | \$ | 30.47 | 43 | \$1,310.21 |  | \$0.00 | 43 | \$1,310.21 |
| 404 | Hourly charges for Change Orders | hour | \$ | 95.40 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 405 | Additional permits (beyond original estimate) | permit | \$ | 165.62 | 1 | \$165.62 |  | \$0.00 | 1 | \$165.62 |
| 406 | Prep additional BOM's | pkg | \$ | 95.40 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 407 | Project Reconciliation | pkg | \$ | 95.40 | 1 | \$95.40 |  | \$0.00 | 1 | \$95.40 |
| 408 |  |  |  |  |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| misc | Desk Quote (no field survey) | pkg | \$ | 125.87 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| CST rate | Central Systems Tech hourly rate | hour | \$ | 111.20 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| FST rate | Field Service Tech hourly rate | hour | \$ | 100.00 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  |  | \$ | - |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| Subtotal |  |  |  |  |  | \$7,120.42 |  | \$0.00 |  | \$7,120.42 |
| Grand Total $\$ 34,529.82$ <br> $\$ 34,529.82$  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |


| Bill of Materials |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Part Number | Description | Price | Proposed Quantity | Proposed Total Cost | Actual Quantity | Actual Total Cost | Delta Quantity | Delta - Total Cost |
| UNDERGROUND MATERIAL |  |  |  |  |  |  |  |  |
| 440-9551 | STAPLE,COPPER, 1.25"x.25", | 0.0639 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $440-0073$ | GROUND ROD,5/8" ${ }^{\text {c }}$ ' COPPER | 10.2751 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-6439 | GROUND ROD CLAMP, $5 / 8{ }^{\prime \prime}$ | 1.3036 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0079 | LUG, GROUND, COPPER | 1.1885 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-4730 | LAG SCREW, 1/4" ${ }^{\text {2 }}$ " | 0.0767 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 490-7095 | KIT,GROUNDING LUG FOR STEEL | 1.3675 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-5378 | BONDING CLAMP K-UL,UNIVERSAL | 1.7636 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 470-7285 | BELL FOR BOTTOM OF RISER | 35.7840 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $470-2580$ | CONDUIT,4"SCH40,PVC,20'LENGTH | 1.4107 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 470-2594 | CONDUIT,6"X10'PVC SCH40 BELLED | 3.0672 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 470-2594 | CONDUIT, $8^{\prime \prime} \times 10^{\circ} \mathrm{PVC}$ SCH40 BELLED | 4.6391 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 470-2137 | 6"X10" SPLIT | 21.0998 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 470-5084 | SWEEP,4"x90Dx36",PVC,SCH40 | 7.5019 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 470-3126 | STICK PIPE, 2 ",SCH40,SPLIT, 10' LENGTH | 5.3037 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $470-6256$ | DUCT, 1.5",SDR11,HDPE,TERRA | 0.6390 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $470-6345$ | DUCT,.75" TERRA COTTA, 13.5SDR | 0.2300 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $470-6646$ | DUCT,2",SDR11,W/1800LB ROPE, | 0.8946 | 1919 | \$1,716.74 |  | \$0.00 | 1919 | \$1,716.74 |
| $470-6673$ | CONDUIT,2"SCH40 20'LENGTH PVC | 0.6518 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $470-0120$ | CONDUIT,CORRIGATED, 1-1/4" PLENUM ORG CORR. W/ TAPE | 2.2365 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $470-6858$ | CAP, 1-1/2"W/SINGLE NIPPLE,RED | 0.6773 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $470-6859$ | CAP,2" W/SINGLE NIPPLE,RED | 0.7285 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 470-7145 | CAP,3/4" SINGLE END | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $460-2538$ | MULE TAPE, 1250\# PULL PRE-LUBE | 0.0511 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $460-2777$ | LUBRICANT,PULLING,5GAL-PAIL | 56.2320 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 470-1070 | PLUG, PVC, 5 ",GENERIC COMM. | 3.0672 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 470-1071 | PLUG, PVC, 6 ",GENERIC COMM. | 3.5912 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| COE125 | 1.25" 10 ' STICK EMT CONDUIT (NON-STOCK) | 11.6426 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| BRI-233DC | 1.25 " CONNECTOR EMT CONDUIT (NON-STOCK) | 0.8563 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 243DC | 1.25" COUPLING EMT CONDUIT (NON-STOCK) | 0.8435 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 107-465 | HOLE STRAPS EMT CONDUIT (NON-STOCK) | 0.6390 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| FITE11490 | 90 DEGREE EMT ELBOW (NON-STOCK) | 5.3420 |  | \$0.00 |  | \$0.00 | 0 | $\$ 0.00$ |
| $450-3080$ | PAD,MOUNTING 34"x36"x15"DEEP | 347.4882 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 250-0226 | COX PEDESTAL HOUSING, 1016,LIGHT GREEN,STANDARD BRAC | 34.6082 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $450-0221$ | NEW\# 450-0221-COX PEDESTAL HOUSING, 1012,LIGHT GREEN, | 31.9628 |  | \$0.00 |  | \$0.00 | 0 | $\$ 0.00$ |
| $450-0967$ | PED, 10"x10" LT GRN B1 BRACKET | 71.8108 |  | \$0.00 |  | \$0.00 | 0 | $\$ 0.00$ |
| 450-1004 | PED, 12"x12",LT GRN, B1 BRKT | 100.5658 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $450-6320$ | PED, 17" $\times 30$ ",LT GREEN,B3 BRKT | 203.3809 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 450-1200 | PED,24"x36",500 COVER,B3 BRKT | 637.0574 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 450-3201 | PED, 13 " ${ }^{30} 0$ ",LT GRN,MB BRACKET | 139.3020 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 450-4121 | ENCLOSURE,48"x18"LT GRN,SPCL | 851.1480 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 450-6063 | VAULT WITH LID,13"x24"x18" OPEN BOTTOM | 161.7437 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 450-6061 | VAULT, 24" $\times 36^{\prime \prime} \times 18{ }^{\text {",OPPEN BASE QUAZITE }}$ | 191.7511 | 1 | \$191.75 |  | \$0.00 | 1 | \$191.75 |
| 450-6064 | VAULT, 30"X48"X24",OPEN BASE QUAZITE | 454.9169 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 490-0738 | LOCKBOX,15X18X10,0AG-C-BE-Y | 129.6914 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 490-0739 | LOCKBOX, 18X24X10,RNBB | 143.7367 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $490-0740$ | LOCKBOX, 24X24X10,RNBB | 212.6592 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 450-3310 | LOCK,CHANNEL BARRELL,STEEL, | 2.8244 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $450-3317$ | LOCK,PADLOCK,SHORT, 11/16"HASP, | 11.3614 |  | \$0.00 |  | \$0.00 | 0 | $\$ 0.00$ |
| 440-6089 | CABLE GUARD, $2^{\prime \prime} \times 10$ ',SCH 40 | 13.4318 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-6093 | CABLE GUARD, ${ }^{\prime \prime}$ X 10 ',SCH 40 | 30.4803 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $440-6094$ | CABLE GUARD, ${ }^{4 \prime} \mathrm{X}$ X $0^{\prime}$ FLANGED, | 26.2118 |  | \$0.00 |  | \$0.00 | 0 | $\$ 0.00$ |
| 470-7285 | BELL FOR BOTTOM OF RISER | 35.7840 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 830-2885 | TAPE, "UG CATV" ORANGE | 15.7961 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 830-3142 | TAPLOCK,GOLD "CBS",BUDCO | 0.1917 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $830-6788$ | TAG,GROUND"WARNING",ORANGE | 0.1150 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 830-6803 | TAG, STRAP WRITE-ON ID,\#301 | 20.5119 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $830-6788$ | TAG,GROUND"WARNING",ORANGE | 0.1020 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $840-0866$ | SPRAY,INSECT/SPIDER,ARI, 15 OZ. | 4.5625 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 470-4819 | INNERDUCT, 2" CONDUIT 3 CELL MAXCELL (Per Foot.) | 1.8659 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $470-4824$ | INNERDUCT,FABRIC SLEEVES, 3"OR LARGER, BLACK, MAXCEL | 2.2109 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $440-0668$ | ANCHOR ROD, $11 / 2 \times 5^{\prime}$ THREADED THIMLEYE (Each) | 12.7672 |  | \$0.00 |  | \$0.00 | 0 | $\$ 0.00$ |
| $440-0672$ | ANCHOR ROD, $6^{\prime}$ EXPANDING POD, FOR $11 / 2$ OR $5 / 8$ (Each) | 10.4924 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 200-5961 | WIRE,\#6 SOLID COPPER,MARATHON | 0.5112 | 60 | \$30.67 |  | \$0.00 | 60 | \$30.67 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| Subtotal |  |  |  | \$1,939.16 |  | \$0.00 |  | \$1,939.16 |
|  |  | STRAND | ERIAL |  |  |  |  |  |
| 200-1808 | WIRE,\#10 BLACK JKT GROUND, | 0.2045 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 200-5961 | WIRE, \#6 SOLID COPPER,MARATHON | 0.5112 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 200-6716 | WIRE,\#6 GREY INSULATED,SOFT- | 0.5112 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $440-0004$ | SQUARE WASHER 2" $\mathrm{X} 1 / 8^{\prime \prime}$ | 0.1917 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $440-0095$ | SQUARE NUT, 5/8" | 0.2300 |  | \$0.00 |  | \$0.00 | 0 | $\$ 0.00$ |
| $440-2425$ | STAPLE, 2"X 1-1/16"X 3/16" GALV | 0.2300 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-9551 | STAPLE,COPPER, 1.25 " $\times$. 25 ", | 0.0639 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $440-4730$ | LAG SCREW, 1/4" ${ }^{\text {2 }}$ " HEXHEAD | 0.0767 | 120 | \$9.20 |  | \$0.00 | 120 | \$9.20 |
| 440-9103 | LAG SCREW,5/16" X 2-1/2" HEX- | 0.1150 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0107 | LAG SCREW, $1 / 2^{\prime \prime} \times 4-1 / 2^{\prime \prime}$ FETTER | 0.7157 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $440-0288$ | BOLT,20"MACHINE,5/8 | 2.2621 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $440-0289$ | BOLT, 18"MACHINE,5/8" | 1.7381 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| $440-0290$ | BOLT, 16"MACHINE,5/8" | 1.5464 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0291 | BOLT,14"MACHINE,5/8" | 1.3675 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |


| Part Number | Description | Price | Proposed Quantity | Proposed <br> Total Cost | Actual Quantity | Actual Total Cost | Delta Quantity | Delta - Total Cost |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 440-0292 | BOLT,12"MACHINE,5/8" | 1.1885 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0293 | BOLT,10"MACHINE,5/8" | 0.8051 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 200-2947 | STRAND,5/16" EHS,BEKEART | 0.2045 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 200-9250 | WIRE,STEEL LASHING 045/302 | 32.7168 | 8 | \$261.73 |  | \$0.00 | 8 | \$261.73 |
| 440-9571 | STRAND 5/16" STRAIGHT SPLICE | 7.2846 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-3037 | STRAND LINK 5/16"TO 1/4" | 22.8379 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0055 | SPLICE 1/4" PREFORMED (2PC EACH) | 2.6199 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0411 | STRAP, 16" LASHING STAINLESS | 0.1917 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-2823 | STRAP,22"LASHING STAINLESS | 0.2428 | 86 | \$20.88 |  | \$0.00 | 86 | \$20.88 |
| 440-6640 | STRAP,34" LASHING, STAINLESS | 0.6390 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-6647 | STRAP,28" LASHING STAINLESS | 0.6518 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-2925 | SPACER,1/2" SADDLE TYPE | 0.0639 | 86 | \$5.50 |  | \$0.00 | 86 | \$5.50 |
| 440-0226 | CLAMP, LASHING 2PC | 0.3578 | 86 | \$30.77 |  | \$0.00 | 86 | \$30.77 |
| 440-0233 | CLAMP, 3 BOLT STRAIGHT | 3.2972 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0232 | CLAMP,3BOLT CURVED SUSPENSION, | 3.8851 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0386 | CLAMP,CROSSOVER,5/16" | 8.7799 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-5378 | BONDING CLAMP K-UL,UNIVERSAL | 1.7636 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0073 | GROUND ROD, $5 / 8^{\prime \prime} \times 8{ }^{\prime}$ COPPER | 10.2751 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-6439 | GROUND ROD CLAMP,5/8" | 1.3036 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0158 | DEADEND, 1/4" $\times 23$ ",PREFORMED | 1.2524 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-4672 | DEADEND,5/16" PREFORMED | 2.1087 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0367 | EYENUT,TE 5/8"THREADED | 1.9042 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-1257 | THIMBLEYELET 5/8" STRAIGHT NON THREAD | 4.4730 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0079 | LUG,GROUND, COPPER | 1.1885 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0663 | ANCHOR,6" SCREW, 3/4" RODx66" TRIPLEYE | 23.2468 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0147 | ATTACHMENT,GUY | 1.6742 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-8070 | GUY MARKER 8' GRAY W/ V-GROOVE | 4.7286 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0127 | GUY,SIDEWALK-POLE PLATE | 10.9908 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0128 | GUY HOOK,5/8" GALVANIZED W/ | 3.9362 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-0137 | MOLDING,GROUND WIRE 1/2"X 8' | 2.1470 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-6340 | SNO-SHOE, 16 " w/4 TAP BRKTS | 15.1954 | 6 | \$91.17 |  | \$0.00 | 6 | \$91.17 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| Subtotal |  |  |  | \$419.26 |  | \$0.00 |  | \$419.26 |
| CABLE MATERIAL |  |  |  |  |  |  |  |  |
| 220-2126 | CABLE,500 PLENUM/JKT | 4.6775 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 220-2787 | CABLE,500 RISER/JKT P3 | 0.7285 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 220-0227 | CABLE, 500 MESSENGER/JKT P3 | 0.4984 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 220-1725 | 625 POWER CABLE | 0.9841 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 220-5536 | 875 AERIAL BARE P3" | 0.9202 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 220-5537 | 625 AERIAL BARE P3" | 0.4984 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 220-5659 | CIC,625 P3 IN 1.5" DUCT TERRA | 1.1885 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 220-6999 | CABLE, 875 FLOODED/JKT P3 | 1.0607 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 220-9236 | CABLE,625 FLOODED/JKT P3 | 0.5879 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 220-7394 | CABLE,FLEX FEEDER QUAD,FIRE- | 0.4460 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 220-0278 | CABLE,500 FLOODED/JKT P3 | 0.3578 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 410-0817 | CONNECTOR, RG6 TORQUE RETAINING | 0.2812 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 410-0809 | CONNECTOR, RG11 TORQUE RETAINING | 2.6071 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 410-0074 | SPLICE, F81 W/FULL THREADS SIGNAL | 0.2045 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 240-1258 | DID,RG6 QUAD IN .75" DUCT | 0.4345 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 240-1263 | DID,RG11 QUAD IN .75" DUCT | 0.5368 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 240-1391 | CABLE,RG11 QUAD FLD,COMMSCOPE | 0.2045 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 240-2621 | CABLE,RG6 QUAD PLAIN,BW 830BM | 0.1278 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 240-2850 | CABLE,RG11 60\% PLENUM, KYNAR | 1.2780 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 240-6956 | CABLE,RG6 QUAD FLD,ORANGE | 0.1150 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 240-2842 | CABLE RG6 PLENUM | 0.5112 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 240-2850 | CABLE RG11 PLENUM | 1.3163 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 240-5143 | CABLE,RG6 QUAD MSG, BW F6SSVVM | 0.1406 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| Subtotal |  |  |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| AMP/LE MATERIAL |  |  |  |  |  |  |  |  |
| 300-8881 | AMP, 1GHZ, QAM AGC 40/52 SPLIT (HGD) | 738.6329 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-8771 | AMP, 1GHZ, AGC 40/52 SPLIT (BT) | 826.6104 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-8781 | LE, 1GHZ,MANUAL I/S,40/52 | 405.0621 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-8782 | LE, 1GHZ, THERMAL I/S,40/52 | 401.4965 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-8880 | LE, 1GHZ,547.25 AGC,40/52 | 454.6357 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0600 | PAD,0DB 1GHZ,GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0601 | PAD,1DB 1GHZ,GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0602 | PAD,2DB 1GHZ,GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0603 | PAD,3DB 1GHZ,GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0604 | PAD,4DB 1GHZ,GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0605 | PAD,5DB 1GHZ,GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0606 | PAD,6DB 1GHZ,GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0607 | PAD,7DB 1GHZ,GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0608 | PAD,8DB 1GHZ,GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0609 | PAD,9DB 1GHZ,GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0610 | PAD,10DB 1GHZ,GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-9234 | PAD,11DB 1GHZ,GAINMAKER,SA | 3.0672 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-9235 | PAD,12DB 1GHZ,GAINMAKER,SA | 2.1215 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |


| Part Number | Description | Price | Proposed Quantity | Proposed Total Cost | Actual Quantity | Actual Total Cost | Delta Quantity | Delta - Total Cost |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 300-9236 | PAD,13DB 1GHZ,GAINMAKER,SA | 3.2333 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-9237 | PAD,14DB 1GHZ,GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-9238 | PAD,15DB 1GHZ,GAINMAKER,SA | 2.7477 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-9239 | PAD,16DB 1GHZ,GAINMAKER,SA | 3.0161 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-9240 | PAD,17DB 1GHZ,GAINMAKER,SA | 1.5080 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-9241 | PAD,18DB 1GHZ,GAINMAKER,SA | 1.1119 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-9242 | PAD,19DB 1GHZ,GAINMAKER,SA | 1.4825 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-9243 | PAD,20DB 1GHZ,GAINMAKER,SA | 0.9713 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-9150 | EQ, ODB 870MHZ,SA | 3.5784 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7352 | EQ, 1.5DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7353 | EQ,3DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7354 | EQ,4.5DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7355 | EQ,6DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7356 | EQ,7.5DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7357 | EQ,9DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7358 | EQ, 10.5DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7359 | EQ, 12DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7360 | EQ, 13.5DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7361 | EQ, 15DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7362 | EQ,16.5DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7363 | EQ,18DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7364 | EQ,19.5DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7370 | EQ,21DB 870MHZ,SA | 5.6871 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7411 | INVERSE EQ, 1.5DB,750/870MHZ, | 7.0290 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7411 | INVERSE EQ, 1.5DB,750/870MHZ, | 7.0290 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7412 | INVERSE EQ,3DB,750/870MHZ, | 7.0290 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7413 | INVERSE EQ, $4.5 \mathrm{SB}, 750 / 870 \mathrm{MHZ}$ | 7.0290 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7414 | INVERSE EQ,6DB,750/870MHZ | 7.0290 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7415 | INVERSE EQ,7.5DB,750/870MHZ | 7.0290 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7416 | INVERSE EQ,9DB,750/870MHZ | 7.0290 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-9181 | INVERSE EQ, 10.5DB,750/870MHZ | 5.7320 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-7417 | INVERSE EQ,12DB,750/870MHZ | 7.0290 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-9186 | EQ,ODB REVERSE/JUMPER, | 3.5784 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0423 | EQ,1DB REVERSE,40/42MHZ, | 3.5784 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0424 | EQ,2DB REVERSE,40/42MHZ, | 3.5784 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0425 | EQ,3DB REVERSE,40/42MHZ, | 3.5784 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0426 | EQ,4DB REVERSE,40/42MHZ, | 3.5784 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0427 | EQ,5DB REVERSE,40/42MHZ, | 3.5784 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0428 | EQ,6DB REVERSE,40/42MHZ, | 3.5784 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0429 | EQ,7DB REVERSE,40/42MHZ, | 3.5784 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0430 | EQ,8DB REVERSE,40/42MHZ, | 3.5784 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| SB-706-19-49- | SWING GATE RELY RACK (NON STOCK) | 193.9237 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 111-1019 | CADCO AGILE PROCESSOR (NON STOCK) | 1195.3134 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 110-1170 | DUAL CHAN DELETION FILTER (NON STOCK) | 1444.7790 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 110-1142 | MULTI CHAN DELETION FILTER (NON STOCK) | 2185.3800 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-6585 | KIT,LE MDU POWER PACK | 176.5429 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-0431 | PAD,TERMINATING.750HM GAINMAKER,SA | 0.9585 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-1542 | JUMPER,870MHZ,FORWARD/LO-GAIN DUAL | 2.5560 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| Subtotal |  |  |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| TAP/SPLITTER MATERIAL |  |  |  |  |  |  |  |  |
| 340-8204 | TAP,2PORT 4DB,SPEC OVRLY,3GHZ VYYO | 24.0903 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8208 | TAP,2PORT 8DB, SPEC OVRLY,3GHZ VYYO | 24.0264 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8211 | TAP,2PORT 11DB,SPEC OVRLY,3GHZ VYYO | 24.2181 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8214 | TAP,2PORT 14DB,SPEC OVRLY,3 GHZ VYYO | 23.9881 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8217 | TAP,2PORT 17DB,SPEC OVRLY, 3 GHZ VYYO | 23.9753 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8220 | TAP,2PORT 20DB,SPEC OVRLY,3 GHZ VYYO | 24.2948 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8223 | TAP,2PORT 23DB,SPEC OVRLY,3 GHZ VYYO | 24.4226 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8408 | TAP,4PORT 8DB,SPEC OVRLY,3GHZ VYYO | 28.0521 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8411 | TAP,4PORT 11DB,SPEC OVRLY,3 GHZ VYYO | 28.0521 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8414 | TAP,4PORT 14DB,SPEC OVRLY,3 GHZ VYYO | 28.0521 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8417 | TAP,4PORT 17DB,SPEC OVRLY,3 GHZ VYYO | 28.0521 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8420 | TAP,4PORT 20DB,SPEC OVRLY,3 GHZ VYYO | 28.1799 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8423 | TAP,4PORT 23DB,SPEC OVRLY,3 GHZ VYYO | 30.1097 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8426 | TAP,4PORT 26DB,SPEC OVRLY,3 GHZ VYYO | 28.0521 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8811 | TAP,8PORT 11DB,SPEC OVRLY,3 GHZ VYYO | 42.1101 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8814 | TAP,8PORT 14DB,SPEC OVRLY,3 GHZ VYYO | 42.1101 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8817 | TAP,8PORT 17DB,SPEC OVRLY,3 GHZ VYYO | 42.1101 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8820 | TAP,8PORT 20DB,SPEC OVRLY,3 GHZ VYYO | 42.1101 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8823 | TAP,8PORT 23DB,SPEC OVRLY,3 GHZ VYYO | 42.1101 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-8826 | TAP,8PORT 26DB,SPEC OVRLY,3 GHZ VYYO | 42.2507 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-4267 | 2WAYSPLITTER,3GHZ IDENTICAL OUTPUT | 37.0620 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-4268 | COUPLER, XSSP-3636, 3GHZ w/ 3 OUTPUTS | 42.9408 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-4269 | COUPLER, XSSP-0008, 3GHZ W/ ASYMMETRI | 37.0620 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-4270 | DC,-12DB EACH,ASYMMETRICAL-1.5DB,3GHZ | 37.0620 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1350 | TAP,2PORT 4DB,SATMM2-4,SA | 11.4125 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1351 | TAP,2PORT 8DB,SATMM2-8,SA | 11.4381 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1352 | TAP,2PORT 11DB,SATMM2-11,SA | 11.4253 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1353 | TAP,2PORT 14DB,SATMM2-14,SA | 11.4253 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1354 | TAP,2PORT 17DB,SATMM2-17,SA | 11.4381 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1355 | TAP,2PORT 20DB,SATMM2-20,SA | 11.4381 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1356 | TAP,2PORT 23DB,SATMM2-23,SA | 11.4253 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1359 | TAP,4PORT 8DB,SATMM4-8,SA | 12.1793 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1360 | TAP,4PORT 11DB,SATMM4-11,SA | 12.1793 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1361 | TAP,4PORT 14DB,SATMM4-14,SA | 12.1793 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1362 | TAP,4PORT 17DB,SATMM4-17,SA | 12.1793 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |


| Part Number | Description | Price | Proposed Quantity | Proposed <br> Total Cost | Actual Quantity | Actual Total Cost | Delta Quantity | Delta - Total Cost |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 340-1363 | TAP,4PORT 20DB,SATMM4-20,SA | 12.1793 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1364 | TAP,4PORT 23DB,SATMM4-23,SA | 12.1793 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1367 | TAP,8PORT 11DB,SATMM8-11,SA | 23.8858 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1368 | TAP,8PORT 14DB,SATMM8-14,SA | 24.0520 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1369 | TAP,8PORT 17DB,SATMM8-17,SA | 23.7069 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1370 | TAP,8PORT 20DB,SATMM8-20,SA | 24.3203 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-1371 | TAP,8PORT 23DB,SATMM8-23,SA | 23.7325 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-3415 | 2WAY 15A 6KV 1GHZ | 24.4481 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-3419 | SPLIT,3WAY UNBALANCE 15 AMP SURGE | 27.9243 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-6590 | DC,8DB,15AMP,6KV SURGE GAP,SA | 24.9721 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-6591 | DC,12DB,15AMP,6KV SURGE GAP,SA | 25.2533 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-2820 | SPLIT,2-WAY INTERNAL,870MHZ | 5.4315 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-3237 | DC-8 INTERNAL COUPLER, 870 MHZ | 5.4315 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 300-3240 | DC-12,INTERNAL COUPLER,870MHZ | 5.4315 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-6592 | DC,16DB,15AMP,6KV SURGE GAP,SA | 25.3300 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 507-8169 | VOICE PORT 8 LINE MAX24 WALL MNT. | 1207.7100 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 507-7603 | MODULE, 8 LINE MAX24 (CARD) | 837.0900 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-5006 | PDU,8 WAY TAP,W/ PTC,SA | 31.1065 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-5002 | PDU,4 WAY TAP,W/ PTC,SA | 23.4385 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-6989 | PDU,8 WAY TAP,W/OUT PTC,SA | 31.2471 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-6990 | PDU,4 WAY TAP,W/OUT PTC,SA | 26.0456 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-7020 | EQ,870MHZ IN-LINE,LEQ/RC,SA | 53.8933 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-0510 | SPLICE,P3 500 GILBERT | 7.3996 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-4027 | SPLICE, P3 625,3PC, PPC | 10.0834 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-4912 | SPLICE, P3 875,3PC, PPC | 18.0837 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-5318 | SPLICE BLOCK.W/2.75" BTWN CONTACTS | 12.5372 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-7125 | CONNECTOR,90 DEGREE W/ 3" EXTENTSION | 10.7991 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-6346 | CONNECTOR,P3 500,GILBERT | 3.5017 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-4026 | CONNECTOR,P3 625,GILBERT | 4.8947 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-6110 | CONNECTOR,P3 875,GILBERT | 10.0067 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-5020 | CONNECTOR, H -TO-H, MALE | 6.6967 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-7118 | CONNECTOR,90D SOCKET, SEIZURELESS GILBER | 7.7575 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-6848 | CONNECTOR,PIN-TO-F,GILBERT | 6.4922 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 410-0249 | PORT TERMINATOR | 0.6262 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-5320 | TERMINATOR,SURGE PROTECTED GILBERT | 6.4411 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-4515 | TERMINATOR,P3 625,GILBERT | 18.6844 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-4525 | TERMINATOR,P3 875,GILBERT | 45.3818 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 480-6003 | HEAT SHRINK \#17x48 | 6.9907 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 490-0738 | LOCKBOX,15X18X10,MULTILINK (AERIAL) | 129.6914 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 490-0739 | LOCKBOX, 18X24X10,RNBB (AERIAL) | 143.7367 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 490-0740 | LOCKBOX, 24X24X10,RNBB (AERIAL) | 212.6592 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 830-3142 | TAPLOCK,GOLD "CBS",BUDCO | 0.1917 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-7056 | TAP BRACKET,2-1/2" ALUMINUM | 1.0352 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-9447 | TAP BRACKET,3-9" EXTENSION | 1.3163 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-0095 | CONNECTOR, 1015, TX 3 PIECE (FOR 500 FLEX) | 5.5721 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 320-0021 | 16 WAY SPLITTER | 13.6107 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| Subtotal |  |  |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| POWER SUPPLY MATERIAL |  |  |  |  |  |  |  |  |
| 430-0099 | XM SERIES 2 UNINTERRUPTIBLE POWER MODULE | 1899.1080 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 000-0000 | 5kw ALPHAGEN, CE-9X2 | 8084.6280 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-6596 | POWER INSERTER,20A,6KV SURGE GAP, SA | 31.2471 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 581-7612 | JUMPER, 3' RG6 QUAD SHIELD | 0.9841 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 420-2675 | CONN,CHASSIS TO "F" FEMALE | 3.3228 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 430-8738 | KIT,48V,8-BATT.SENSE,6',ALPHA | 35.7712 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 430-7218 | HARNESS,8-BATT,WIRING,FUSED | 116.2980 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 320-0500 | COUPLER,DC-VOLTAGE BLOCKING | 0.9202 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 320-0510 | COUPLER, 90 V VOLTAGE BLOCK AC/DC SIG | 0.9202 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 510-0144 | GROUND BLOCK,(MEC)SINGLE BRASS SIGNAL VISIOM | 1.0863 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 340-6596 | INSERTER, POWER, 20 AMP, SURGE | 31.2471 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 480-1000 | PROTECT\&SEALER $50 z$ BATTERY PERMATEX | 4.9842 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 430-1263 | BATTERIES,GEL CELL,220MIN. LIFE 4YR WARR | 149.5260 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 430-7036 | ENCLOSURE, PWE-8R,W/LRI, 25A SPI (AER) | 1070.9640 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 200-5200 | POWER CABLE \#4 W/ \#8 BARE GR | 5.5082 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 581-6112 | JUMPER,COAXIAL,3",RG6 QUAD SHIELD,F CONN | 0.9841 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 430-8053 | ENCLOSURE, PN3 W/ PORT GEN PSC (UG) | 1583.4420 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 430-3042 | PAD PRECAST FOR ALPHA PN3 | 164.8620 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
|  |  | 0.0000 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| Subtotal |  |  |  | \$0.00 |  | \$0.00 |  | \$0.00 |
| FIBER MATERIAL |  |  |  |  |  |  |  |  |
| 600-7558 | A splice enclosure FOSC400A4 16-1 BGV | 135.8514 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 600-3891 | ENCLOSURE,FOSC,400-B4-24-1-BGV 24-SPLICE | 220.5445 | 1 | \$220.54 |  | \$0.00 | 1 | \$220.54 |
| 600-3906 | CLOSURE,FOSC 400 D5 36-1-BGV 1 TRAY,CAT | 398.6082 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 600-2097 | TRAY,B 24-2 SPLICE,RAYCHEM FOSC-ACC-B-T | 17.1252 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 600-4005 | TRAY, D 72-2 SPLICE,FOSC ACC D TRAYS | 30.5825 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 600-0045 | Tray Fusion 12 splices | 23.7197 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 600-3995 | SEAL,FOSC 2BT CABLE SEAL KIT INSTALL | 48.2062 | 2 | \$96.41 |  | \$0.00 | 2 | \$96.41 |
| 600-4000 | Cable Sealing Kit 1NT Raychem | 20.4991 | 1 | \$20.50 |  | \$0.00 | 1 | \$20.50 |
| 600-4019 | CLAMP FOSC AERIAL OFFSET BRACKET | 28.2694 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |
| 440-6340 | snow shoes (storage loop) PR | 15.1954 |  | \$0.00 |  | \$0.00 | 0 | \$0.00 |


| Part Number | Description | Price |
| :---: | :---: | :---: |
| 440-0370 | locking heads (300 per 4 nodes) | 0.2300 |
| 440-0380 | cable support (50ft) (1 per 4 nodes ) | 18.8505 |
| 600-1354 | fushion splice sleves (Splice Protectors) (6MM) | 0.2556 |
| 600-3359 | ENCLOSURE, 12/24 FIBER LANLINXS | 139.1998 |
| 619-4673 | Panel Lock Turn Cam and Key | 8.9460 |
| 600-0053 | PIGTAIL,6-FIBER SC/APC, | 44.7300 |
| 600-0052 | 6-fiber SC/UPC Pigtail OFNR 2 meters | 44.7300 |
| 600-0053 | PIGTAIL,6-FIBER SC/APC, | 44.7300 |
| 600-0054 | 6-fiber SC/A PC Pigtail OFNR 6 meters | 49.8420 |
| 600-0055 | 6-fiber SC/A PC Pigtail OFNR 10 meters | 54.9540 |
| 619-6070 | ADAPTER FBR BULKHEAD PNL | 61.3440 |
| 480-2660 | electric tape (1 per splice location) | 0.7285 |
| 480-6003 | HEAT SHRINK \#17x48 | 6.9907 |
| 480-3001 | duct tape | 7.2207 |
| 510-5903 | 8" TIE WRAPS 100 PER BAG | 0.0128 |
| 605-6677 | Fiber, 006CT, LT, 1 JKT ARMR ZWP, 6FBR | 0.2684 |
| 605-3261 | Fiber, 012CT, LT, 1 JKT ARMR ZWP, 12FBR | 0.2428 |
| 605-2402 | Fiber, 024CT, LT, 1 JKT ARMR ZWP, 12FBR | 0.3195 |
| 605-0610 | Fiber, 036CT, LT, 1 JKT ARMR ZWP, 12FBR | 0.3834 |
| 605-2284 | Fiber, 048CT, LT, 1 JKT ARMR ZWP. 12FBR | 0.4601 |
| 605-2357 | Fiber, 072CT, LT, 1 JKT ARMR ZWP, 12FBR | 0.6134 |
| 605-3000 | Fiber, 144CT, LT, 1 JKT ARMR ZWP, 12FBR | 1.0480 |
| 605-6771 | Fiber, 198CT, LT, 1 JKT ARMR ZWP, 12FBR | 1.3802 |
| 605-2260 | Fiber, 288CT, LT, 1 JKT ARMR ZWP, 12FBR | 1.9553 |
| 000-0000 | ELECTROLINE MINI NODE, 1GHz 50dBmv | 1150.2000 |
| 000-0000 | EDX SERIES POWER CONVERTER KIT | 108.6300 |
| 602-0315 | NODE, NC4000 4X4 SEG, 5-42MHz \& 51-1GHz | 4378.4280 |
| 602-0621 | PLUG-IN TRANSCEIVERS MODULE 1470nm | 508.8101 |
| 602-0622 | PLUG-IN TRANSCEIVERS MODULE 1490nm | 539.9550 |
| 602-0623 | PLUG-IN TRANSCEIVERS MODULE 1510nm | 498.4200 |
| 602-0624 | PLUG-IN TRANSCEIVERS MODULE 1530nm | 498.4200 |
| 602-0630 | PLUG-IN TRANSCEIVERS MODULE 1550nm | 498.4200 |
| 602-0625 | PLUG-IN TRANSCEIVERS MODULE 1570nm | 519.1875 |
| 602-0626 | PLUG-IN TRANSCEIVERS MODULE 1590nm | 498.4200 |
| 602-0620 | PLUG-IN TRANSCEIVERS MODULE 1610nm | 498.4200 |
| 430-7138 | PNFN CABINET | 3376.4760 |
| 430-3017 | SLAB FOR PNFN | 295.2180 |
| 605-5527 | FIBER12CT,DIST CABLE | 0.5495 |
| 605-0050 | 12CT FIBER PLENUM CABLE | 0.7924 |
|  |  | 0.0000 |
|  |  | 0.0000 |
|  |  | 0.0000 |
|  |  | 0.0000 |
|  |  | 0.0000 |
| Subtotal |  |  |


| Proposed Quantity | Proposed Total Cost |
| :---: | :---: |
| 10 | \$2.30 |
| 1 | \$18.85 |
| 18 | \$4.60 |
| 1 | \$139.20 |
|  | \$0.00 |
| 1 | \$44.73 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
| 1 | \$6.99 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
| 9000 | \$2,875.50 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
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|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$0.00 |
|  | \$3,429.63 |


| Actual <br> Quantity | Actual Total <br> Cost |
| :---: | ---: |
|  | $\$ 0.00$ |
|  | $\$ 0.00$ |
|  | $\$ 0.00$ |
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|  | $\$ 0.00$ |
|  | $\$$ |
|  | $\$ 0$ |


| Delta Quantity | Delta - Total Cost |
| :---: | :---: |
| 10 | \$2.30 |
| 1 | \$18.85 |
| 18 | \$4.60 |
| 1 | \$139.20 |
| 0 | \$0.00 |
| 1 | \$44.73 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 1 | \$6.99 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 9000 | \$2,875.50 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 0 | \$0.00 |
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| 0 | \$0.00 |
| 0 | \$0.00 |
| 0 | \$0.00 |
| 0 | \$0.00 |
|  | \$3,429.63 |

\$5,788.05

