FalmouthNet FTTP XGSPON 1:64 & 20% AE

Infrastructure Capital	Total Aerial Cost ($)	Aerial Cost/Mile	Aerial Cost/Passing	Total Underground Cost ($)	Underground Cost/Mile	Underground Cost/Passing	Total Cost ($)	Blended Cost/Mile	Blended Cost/Passing
Outside Plant	$24,313,004	$86,705	$1,274	$14,696,555	$151,339	$2,191	$42,662,346	$113,007	$1,654
Hub, Transport and Access							$5,374,308	$14,236	$208
Vehicles, Tools, Real Estate & Other							$0	$0	$0
Infrastructure Total	**$24,313,004**	**$86,705**	**$1,274**	**$14,696,555**	**$151,339**	**$2,191**	**$48,036,654**	**$127,243**	**$1,862**

Subscriber Installation							Total Cost ($)		Blended Cost/Sub
Installation							$9,883,230		$766
CPE							$1,611,014		$125
Total Subscriber Installation Capital							**$11,494,244**		**$891**

Total Project Cost							Total Project Cost ($)		Total Cost/Sub ($)
Total Cost Per Subscriber							**$59,530,898**		**$4,616**

	Total Aerial Cost ($)	Aerial Cost/Mile	Aerial Cost/Passing	Total Underground Cost ($)	Underground Cost/Mile	Underground Cost/Passing	Total Cost ($)	Blended Cost/Mile	Blended Cost/Passing
Engineering	$2,993,133	$10,674	$157	$963,989	$9,927	$144	$3,957,122	$10,482	$153
Makeready	$5,608,200	$20,000	$294	$0	$0	$0	$5,608,200	$14,855	$217
Strand & Hardware	$0	$0	$0	$0	$0	$0	$1,327,063	$3,515	$51
Pedestals, Vaults & Conduit	$0	$0	$0	$0	$0	$0	$2,325,724	$6,161	$90
Fiber Optic Cable	$2,201,285	$7,850	$115	$771,395	$7,944	$115	$2,972,681	$7,874	$115
Service Taps	$795,134	$2,836	$42	$279,536	$2,879	$42	$1,074,669	$2,847	$42
Fiber Management	$1,781,105	$6,352	$93	$585,477	$6,029	$87	$2,366,582	$6,269	$92
Video Processing	$0	$0	$0	$0	$0	$0	$0	$0	$0
Network & Transport	$0	$0	$0	$0	$0	$0	$2,063,220	$5,465	$80
OLT & Distribution	$0	$0	$0	$0	$0	$0	$3,311,089	$8,771	$128
Buildings and Real Estate	$0	$0	$0	$0	$0	$0	$0	$0	$0
Vehicles, Tools and Machinery	$0	$0	$0	$0	$0	$0	$0	$0	$0
Construction Labor	$10,934,147	$38,993	$573	$12,096,158	$124,561	$1,804	$23,030,305	$61,004	$893
Installation	$0	$0	$0	$0	$0	$0	$9,883,230	$26,179	$383
CPE	$0	$0	$0	$0	$0	$0	$1,611,014	$4,267	$62
Other Capital	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Project Cost	**$24,313,004**	**$86,705**	**$1,274**	**$14,696,555**	**$151,339**	**$2,191**	**$59,530,898**	**$157,689**	**$2,308**

Project Scope		
Project Name:	FalmouthNet FTTP XGSPON 1:64 & 20% AE	
Date Prepared:	2/17/22	
Aerial Miles:	280.41	74%
Underground Miles:	97	26%
Total Plant Miles:	378	
Aerial Passings:	19,088	
Underground Passings:	6,707	
Total Passings:	25,795	
Projected Take Rate:	50%	
Projected Aerial Sub	9,544	
Projected UG Sub	3,354	
Projected Total Sub	12,898	

Aerial Density	68
Underground Density	69
Blended Density	68

Aerial Engineering

Item	Quantity	Contingency	Price	Tax (Y/N) @ 6.25%	Total
Fiber Design Engineering					
Fiber Design Engineering	1480601	0.0%	$1.88	N	$2,783,530.00
Design Other	0	0.0%	$0.00	N	$0.00
Design Other	0	0.0%	$0.00	N	$0.00
Design Other	0	0.0%	$0.00	N	$0.00
Design Other	0	0.0%	$0.00	N	$0.00
Design Other	0	0.0%	$0.00	N	$0.00
Design Other	0	0.0%	$0.00	N	$0.00
Design Other	0	0.0%	$0.00	N	$0.00
Design Other	0	0.0%	$0.00	N	$0.00
Design Other	0	0.0%	$0.00	N	$0.00
No Overhead	0.0%		$2,783,530.00		$0.00
Subtotal Fiber Design					**$2,783,530.00**
Encroachment Acquisition					
MassDOT State Road Permit Rte 28 (46,530')	1	0.0%	$1,000.00	N	$1,000.00
MassDOT State Road Permit Rte 151 (12962')	1	0.0%	$1,000.00	N	$1,000.00
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00
No Overhead	0.0%		$2,000.00		$0.00
Subtotal Encroachment Acquisition					**$2,000.00**
Utility Permit					
Eversource Pole Application Fee	11897	0.0%	$13.45	N	$160,015.00
Eversource Survey Fee	11897	0.0%	$4.00	N	$47,588.00
Utility Permitting Other	0	0.0%	$0.00	N	$0.00
Utility Permitting Other	0	0.0%	$0.00	N	$0.00
Utility Permitting Other	0	0.0%	$0.00	N	$0.00
Utility Permitting Other	0	0.0%	$0.00	N	$0.00
Utility Permitting Other	0	0.0%	$0.00	N	$0.00
Utility Permitting Other	0	0.0%	$0.00	N	$0.00
Utility Permitting Other	0	0.0%	$0.00	N	$0.00
Utility Permitting Other	0	0.0%	$0.00	N	$0.00
No Overhead	0.0%		$207,603.00		$0.00
Subtotal Utility Permitting					**$207,603.00**
Makeready					
Makeready	280.41	0.0%	$20,000.00	N	$5,608,200.00
Makeready	0	0.0%	$0.00	N	$0.00
Makeready	0	0.0%	$0.00	N	$0.00
Makeready	0	0.0%	$0.00	N	$0.00
Makeready	0	0.0%	$0.00	N	$0.00
Makeready	0	0.0%	$0.00	N	$0.00
Makeready	0	0.0%	$0.00	N	$0.00
Makeready	0	0.0%	$0.00	N	$0.00
Makeready	0	0.0%	$0.00	N	$0.00
No Overhead	0.0%		$5,608,200.00		$0.00
Subtotal Makeready					**$5,608,200.00**
Engineering Other					
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
Engineering Other	0	0.0%	$0.00	N	$0.00
No Overhead	0.0%		$0.00		$0.00
Subtotal Engineering Other					**$0.00**
Total Engineering and Design - Aerial					**$2,993,133.00**

Underground Engineering

Item	Quantity	Contingency	Price	Tax (Y/N) @ 6.25%	Total	Supplier	Source/Notes
Fiber Design Engineering							
Fiber Design Engineering	512760	0.0%	$1.88	N	$963,989.00		
Design Other	0	0.0%	$0.00	N	$0.00		
Design Other	0	0.0%	$0.00	N	$0.00		
Design Other	0	0.0%	$0.00	N	$0.00		
Design Other	0	0.0%	$0.00	N	$0.00		
Design Other	0	0.0%	$0.00	N	$0.00		
Design Other	0	0.0%	$0.00	N	$0.00		
Design Other	0	0.0%	$0.00	N	$0.00		
Design Other	0	0.0%	$0.00	N	$0.00		
Design Other	0	0.0%	$0.00	N	$0.00		
No Overhead	0.0%		$963,989.00		$0.00		
Subtotal Fiber Design					**$963,989.00**		
Encroachment Acquisition							
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00		MassDOT 700 CMR 13.00 document - Aerial Utility = $1,000 permit (no limit indicated)
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00		MassDOT 700 CMR 13.00 document - Aerial Utility = $1,000 permit (no limit indicated)
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00		
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00		
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00		
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00		
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00		
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00		
Encroachment Acquisition Other	0	0.0%	$0.00	N	$0.00		
No Overhead	0.0%		$0.00		$0.00		
Subtotal Encroachment Acquisition					**$0.00**		
Utility Permit							
Utility Permitting Other	0	0.0%	$0.00	N	$0.00		
Utility Permitting Other	0	0.0%	$0.00	N	$0.00		
Utility Permitting Other	0	0.0%	$0.00	N	$0.00		
Utility Permitting Other	0	0.0%	$0.00	N	$0.00		
Utility Permitting Other	0	0.0%	$0.00	N	$0.00		
Utility Permitting Other	0	0.0%	$0.00	N	$0.00		
Utility Permitting Other	0	0.0%	$0.00	N	$0.00		
Utility Permitting Other	0	0.0%	$0.00	N	$0.00		
Utility Permitting Other	0	0.0%	$0.00	N	$0.00		
Utility Permitting Other	0	0.0%	$0.00	N	$0.00		
No Overhead	0.0%		$0.00		$0.00		
Subtotal Utility Permitting					**$0.00**		
Makeready							
Makeready	0	0.0%	$0.00	N	$0.00		
Makeready	0	0.0%	$0.00	N	$0.00		
Makeready	0	0.0%	$0.00	N	$0.00		
Makeready	0	0.0%	$0.00	N	$0.00		
Makeready	0	0.0%	$0.00	N	$0.00		
Makeready	0	0.0%	$0.00	N	$0.00		
Makeready	0	0.0%	$0.00	N	$0.00		
Makeready	0	0.0%	$0.00	N	$0.00		
Makeready	0	0.0%	$0.00	N	$0.00		
No Overhead	0.0%		$0.00		$0.00		
Subtotal Makeready					**$0.00**		
Engineering Other							
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
Engineering Other	0	0.0%	$0.00	N	$0.00		
No Overhead	0.0%		$0.00		$0.00		
Subtotal Engineering Other					**$0.00**		
Total Engineering and Design - Underground					**$963,989.00**		

Total By Supplier	Pretax	Tax	Total
Supplier 1	$0.0	$0.0	$0.0
Supplier 2	$0.0	$0.0	$0.0
Supplier 3	$0.0	$0.0	$0.0
Supplier 4	$0.0	$0.0	$0.0
Supplier 5	$0.0	$0.0	$0.0
Supplier 6	$0.0	$0.0	$0.0
Supplier 7	$0.0	$0.0	$0.0
Supplier 8	$0.0	$0.0	$0.0
Supplier 9	$0.0	$0.0	$0.0
Supplier 10	$0.0	$0.0	$0.0
Supplier 11	$0.0	$0.0	$0.0
Supplier 12	$0.0	$0.0	$0.0
Supplier 13	$0.0	$0.0	$0.0
Supplier 14	$0.0	$0.0	$0.0
Supplier 15	$0.0	$0.0	$0.0
Supplier 16	$0.0	$0.0	$0.0
Supplier 17	$0.0	$0.0	$0.0
Supplier 18	$0.0	$0.0	$0.0
Supplier 19	$0.0	$0.0	$0.0
Supplier 20	$0.0	$0.0	$0.0
Supplier 21	$0.0	$0.0	$0.0
Supplier 22	$0.0	$0.0	$0.0
Supplier 23	$0.0	$0.0	$0.0
Supplier 24	$0.0	$0.0	$0.0
Supplier 25	$0.0	$0.0	$0.0
Supplier 26	$0.0	$0.0	$0.0
Supplier 27	$0.0	$0.0	$0.0
Supplier 28	$0.0	$0.0	$0.0
Supplier 29	$0.0	$0.0	$0.0
Supplier 30	$0.0	$0.0	$0.0

Back to Category Totals

	Units	Straight	Curved
Projected Miles	10		
Projected Poles	10	8	2

Item	Quantity	Contingency	Price	Tax (Y/N) @ 6.25%	Total Cost	Supplier	Source/Notes
Strand & Mardware	1,521,129	5.0%	$0.8	Y	$1,327,062.50		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
Hardware Item	0	0.0%	$0.0	N	$0.00		
No Overhead	0%		$1,249,000.0		$0.00		
Total Strand & Hardware					**$1,327,062.5**		

Total By Supplier	Pretax	Tax	Total
Supplier 1	$0.0	$0.0	$0.0
Supplier 2	$0.0	$0.0	$0.0
Supplier 3	$0.0	$0.0	$0.0
Supplier 4	$0.0	$0.0	$0.0
Supplier 5	$0.0	$0.0	$0.0
Supplier 6	$0.0	$0.0	$0.0
Supplier 7	$0.0	$0.0	$0.0
Supplier 8	$0.0	$0.0	$0.0
Supplier 9	$0.0	$0.0	$0.0
Supplier 10	$0.0	$0.0	$0.0
Supplier 11	$0.0	$0.0	$0.0
Supplier 12	$0.0	$0.0	$0.0
Supplier 13	$0.0	$0.0	$0.0
Supplier 14	$0.0	$0.0	$0.0
Supplier 15	$0.0	$0.0	$0.0
Supplier 16	$0.0	$0.0	$0.0
Supplier 17	$0.0	$0.0	$0.0
Supplier 18	$0.0	$0.0	$0.0
Supplier 19	$0.0	$0.0	$0.0
Supplier 20	$0.0	$0.0	$0.0
Supplier 21	$0.0	$0.0	$0.0
Supplier 22	$0.0	$0.0	$0.0
Supplier 23	$0.0	$0.0	$0.0
Supplier 24	$0.0	$0.0	$0.0
Supplier 25	$0.0	$0.0	$0.0
Supplier 26	$0.0	$0.0	$0.0
Supplier 27	$0.0	$0.0	$0.0
Supplier 28	$0.0	$0.0	$0.0
Supplier 29	$0.0	$0.0	$0.0
Supplier 30	$0.0	$0.0	$0.0

Item	Quantity	Contingency	Price	Tax (Y/N) @ 6.25%	Total Cost	Supplier	Source/Notes
24X36X24 VAULT	1,109	5.0%	$747.5	Y	$924,828.69		
Peds & Vaults Item	0	0.0%	$0.0	Y	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	Y	$0.00		
2" INTERDUCT	514,500	10.0%	$2.0	Y	$1,210,160.94		
#12 CU AWG THHN Tracer Wire	518,500	3.0%	$0.2	Y	$117,459.38		
5/8" x 8' Ground Rod & Cad-Weld	1,109	3.0%	$60.4	Y	$73,275.31		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
Peds & Vaults Item	0	0.0%	$0.0	N	$0.00		
No Overhead	0%		$2,188,917.0		$0.00		
Total Peds, Vaults & Conduit:					**$2,325,724.31**		

Total By Supplier			
	Pretax	Tax	Total
Supplier 1	$0.0	$0.0	$0.0
Supplier 2	$0.0	$0.0	$0.0
Supplier 3	$0.0	$0.0	$0.0
Supplier 4	$0.0	$0.0	$0.0
Supplier 5	$0.0	$0.0	$0.0
Supplier 6	$0.0	$0.0	$0.0
Supplier 7	$0.0	$0.0	$0.0
Supplier 8	$0.0	$0.0	$0.0
Supplier 9	$0.0	$0.0	$0.0
Supplier 10	$0.0	$0.0	$0.0
Supplier 11	$0.0	$0.0	$0.0
Supplier 12	$0.0	$0.0	$0.0
Supplier 13	$0.0	$0.0	$0.0
Supplier 14	$0.0	$0.0	$0.0
Supplier 15	$0.0	$0.0	$0.0
Supplier 16	$0.0	$0.0	$0.0
Supplier 17	$0.0	$0.0	$0.0
Supplier 18	$0.0	$0.0	$0.0
Supplier 19	$0.0	$0.0	$0.0
Supplier 20	$0.0	$0.0	$0.0
Supplier 21	$0.0	$0.0	$0.0
Supplier 22	$0.0	$0.0	$0.0
Supplier 23	$0.0	$0.0	$0.0
Supplier 24	$0.0	$0.0	$0.0
Supplier 25	$0.0	$0.0	$0.0
Supplier 26	$0.0	$0.0	$0.0
Supplier 27	$0.0	$0.0	$0.0
Supplier 28	$0.0	$0.0	$0.0
Supplier 29	$0.0	$0.0	$0.0
Supplier 30	$0.0	$0.0	$0.0

Total Aerial Plant Mileage	280
Total Aerial Plant Footage	1,480,565
Total Aerial Fiber Footage	2,140,704
Aerial Fiber Footage %	144.6%

Total Underground Plant Mileage	97	
Total Underground Plant Footage	512,741	
Total Underground Fiber Footage	750,382	2,891,086
Underground Fiber Footage %	146.3%	

Aerial Fiber Optic Cable					
Item	Quantity	Contingency	Price	Tax (Y/N) @ 6.25%	Total
12 count	595457	10.0%	$0.30	Y	$208,086.38
24 count	258312	10.0%	$0.37	Y	$111,100.31
48 count	260209	10.0%	$0.53	Y	$160,879.50
72 count	194913	10.0%	$0.99	Y	$225,298.88
96 count	306555	10.0%	$1.24	Y	$444,992.00
144 count	408677	10.0%	$1.45	Y	$692,102.94
288 count	116581	10.0%	$2.63	Y	$358,825.38
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00
No Overhead	0.0%		$2,071,798.00		$0.00
Total Fiber Optic Cable - Aerial					**$2,201,285.38**

Underground Fiber Optic Cable						Supplier	Source/Notes
Item	Quantity	Contingency	Price	Tax (Y/N) @ 6.25%	Total		
12 count	209215	10.0%	$0.30	Y	$73,111.69		
24 count	90758	10.0%	$0.37	Y	$39,035.19		
48 count	91425	10.0%	$0.53	Y	$56,526.06		
72 count	66726	10.0%	$0.99	Y	$77,129.00		
96 count	107708	10.0%	$1.24	Y	$156,347.94		
144 count	143589	10.0%	$1.45	Y	$243,171.19		
288 count	40961	10.0%	$2.63	Y	$126,074.13		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
Fiber Optic Cable Item	0	0.0%	$0.00	N	$0.00		
No Overhead	0.0%		$726,019.00		$0.00		
Total Fiber Optic Cable - Underground					**$771,395.19**		

Total By Supplier			
	Pretax	Tax	Total
Supplier 1	$0.0	$0.0	$0.0
Supplier 2	$0.0	$0.0	$0.0
Supplier 3	$0.0	$0.0	$0.0
Supplier 4	$0.0	$0.0	$0.0
Supplier 5	$0.0	$0.0	$0.0
Supplier 6	$0.0	$0.0	$0.0
Supplier 7	$0.0	$0.0	$0.0
Supplier 8	$0.0	$0.0	$0.0
Supplier 9	$0.0	$0.0	$0.0
Supplier 10	$0.0	$0.0	$0.0
Supplier 11	$0.0	$0.0	$0.0
Supplier 12	$0.0	$0.0	$0.0
Supplier 13	$0.0	$0.0	$0.0
Supplier 14	$0.0	$0.0	$0.0
Supplier 15	$0.0	$0.0	$0.0
Supplier 16	$0.0	$0.0	$0.0
Supplier 17	$0.0	$0.0	$0.0
Supplier 18	$0.0	$0.0	$0.0
Supplier 19	$0.0	$0.0	$0.0
Supplier 20	$0.0	$0.0	$0.0
Supplier 21	$0.0	$0.0	$0.0
Supplier 22	$0.0	$0.0	$0.0
Supplier 23	$0.0	$0.0	$0.0
Supplier 24	$0.0	$0.0	$0.0
Supplier 25	$0.0	$0.0	$0.0
Supplier 26	$0.0	$0.0	$0.0
Supplier 27	$0.0	$0.0	$0.0
Supplier 28	$0.0	$0.0	$0.0
Supplier 29	$0.0	$0.0	$0.0
Supplier 30	$0.0	$0.0	$0.0

Aerial Service Taps					
Item	Quantity	Contingency	Price	Tax (Y/N)	Total Cost
				@ 6.25%	
Service Tap, MST, or FIT Device 72 fiber	2726	3.0%	$195.50	Y	$583,228.56
Service Tap, MST, or FIT Device 96 fiber	682	3.0%	$301.66	N	$211,905.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00
No Overhead	0.0%		$760,826.00		$0.00
Total Service Taps - Aerial:					**$795,133.56**

Underground Service Taps						Source	Source/Notes
Item	Quantity	Contingency	Price	Tax (Y/N)	Total Cost		
				@ 6.25%			
Service Tap, MST, or FIT Device 72 fiber	958	3.0%	$195.50	Y	$204,964.75		
Service Tap, MST, or FIT Device 96 fiber	240	3.0%	$301.66	N	$74,571.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
Service Tap, MST, or FIT Device	0	0.0%	$0.00	N	$0.00		
No Overhead	0.0%		$267,479.00		$0.00		
Total Service Taps - Underground:					**$279,535.75**		

Total By Supplier			
	Pretax	Tax	Total
Supplier 1	$0.0	$0.0	$0.0
Supplier 2	$0.0	$0.0	$0.0
Supplier 3	$0.0	$0.0	$0.0
Supplier 4	$0.0	$0.0	$0.0
Supplier 5	$0.0	$0.0	$0.0
Supplier 6	$0.0	$0.0	$0.0
Supplier 7	$0.0	$0.0	$0.0
Supplier 8	$0.0	$0.0	$0.0
Supplier 9	$0.0	$0.0	$0.0
Supplier 10	$0.0	$0.0	$0.0
Supplier 11	$0.0	$0.0	$0.0
Supplier 12	$0.0	$0.0	$0.0
Supplier 13	$0.0	$0.0	$0.0
Supplier 14	$0.0	$0.0	$0.0
Supplier 15	$0.0	$0.0	$0.0
Supplier 16	$0.0	$0.0	$0.0
Supplier 17	$0.0	$0.0	$0.0
Supplier 18	$0.0	$0.0	$0.0
Supplier 19	$0.0	$0.0	$0.0
Supplier 20	$0.0	$0.0	$0.0
Supplier 21	$0.0	$0.0	$0.0
Supplier 22	$0.0	$0.0	$0.0
Supplier 23	$0.0	$0.0	$0.0
Supplier 24	$0.0	$0.0	$0.0
Supplier 25	$0.0	$0.0	$0.0
Supplier 26	$0.0	$0.0	$0.0
Supplier 27	$0.0	$0.0	$0.0
Supplier 28	$0.0	$0.0	$0.0
Supplier 29	$0.0	$0.0	$0.0
Supplier 30	$0.0	$0.0	$0.0

Total Aerial Plant Mileage	280
Total Aerial Plant Footage	1,480,565

Total Underground Plant Mileage	97
Total Underground Plant Footage	512,741

Aerial Fiber Management

Item	Quantity	Contingency	Price	Tax (Y/N) @ 6.25%	Total
Splice Enclosures	0	0.0%	$0.00	Y	$0.00
FDH144	1	0.0%	$13,800.00	Y	$14,662.50
FDH288	4	0.0%	$17,250.00	Y	$73,312.50
FDH432	64	0.0%	$23,000.00	Y	$1,564,000.00
Splice Enclosure 48 fiber	81	3.0%	$258.75	Y	$22,937.25
Splice Enclosure 96 fiber	33	3.0%	$299.00	Y	$10,799.25
Splice Enclosure 288 fiber	27	3.0%	$414.00	Y	$12,233.63
5RU 288 Port LC Patch and Splice Panel	12	0.0%	$6,930.00	N	$83,160.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00
No Overhead	0.0%		##########		$0.00
Total Fiber Termination and Management - Aerial					**$1,781,105.13**

Underground Fiber Management

Item	Quantity	Contingency	Price	Tax (Y/N) @ 6.25%	Total	Source	Source/Notes
Splice Enclosures	0	0.0%	$0.00	Y	$0.00		
FDH144	0	0.0%	$13,800.00	Y	$0.00		
FDH288	2	0.0%	$17,250.00	Y	$36,656.25		
FDH432	22	0.0%	$23,000.00	Y	$537,625.00		
Splice Enclosure 48 fiber	19	3.0%	$258.75	Y	$5,380.50		
Splice Enclosure 96 fiber	15	3.0%	$299.00	Y	$4,908.75		
Splice Enclosure 288 fiber	2	3.0%	$414.00	Y	$906.31		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
Termination & Fiber Management Item	0	0.0%	$0.00	N	$0.00		
No Overhead	0.0%		$551,037.00		$0.00		
Total Fiber Termination and Management - Underground					**$585,476.81**		

Total By Supplier			
	Pretax	**Tax**	**Total**
Supplier 1	$0.0	$0.0	$0.0
Supplier 2	$0.0	$0.0	$0.0
Supplier 3	$0.0	$0.0	$0.0
Supplier 4	$0.0	$0.0	$0.0
Supplier 5	$0.0	$0.0	$0.0
Supplier 6	$0.0	$0.0	$0.0
Supplier 7	$0.0	$0.0	$0.0
Supplier 8	$0.0	$0.0	$0.0
Supplier 9	$0.0	$0.0	$0.0
Supplier 10	$0.0	$0.0	$0.0
Supplier 11	$0.0	$0.0	$0.0
Supplier 12	$0.0	$0.0	$0.0
Supplier 13	$0.0	$0.0	$0.0
Supplier 14	$0.0	$0.0	$0.0
Supplier 15	$0.0	$0.0	$0.0
Supplier 16	$0.0	$0.0	$0.0
Supplier 17	$0.0	$0.0	$0.0
Supplier 18	$0.0	$0.0	$0.0
Supplier 19	$0.0	$0.0	$0.0
Supplier 20	$0.0	$0.0	$0.0
Supplier 21	$0.0	$0.0	$0.0
Supplier 22	$0.0	$0.0	$0.0
Supplier 23	$0.0	$0.0	$0.0
Supplier 24	$0.0	$0.0	$0.0
Supplier 25	$0.0	$0.0	$0.0
Supplier 26	$0.0	$0.0	$0.0
Supplier 27	$0.0	$0.0	$0.0
Supplier 28	$0.0	$0.0	$0.0
Supplier 29	$0.0	$0.0	$0.0
Supplier 30	$0.0	$0.0	$0.0

Back to Category Totals

Item	Quantity	Price	Tax (Y/N) @ 6.25%	Total Cost	Universe Cost/Passing	Build Cost	Supplier	Source/Notes
					Universe Passings 25,795	Build Passings 25,795		
Cisco ASR 9006	1	$1,720,152.8	Y	$1,827,662.38	$70.85	$1,827,662.38		
FortiDDOS 200F	1	$89,700.0	Y	$95,306.25	$3.69	$95,306.25		
VMWare VSAN	1	$37,375.0	Y	$39,710.94	$1.54	$39,710.94		
Fortigate 100Fx2	1	$12,348.7	Y	$13,120.49	$0.51	$13,120.49		
VMWare Hypervisor	1	$11,190.1	Y	$11,889.45	$0.46	$11,889.45		
ManageEngine OpManager	1	$26,237.3	Y	$27,877.08	$1.08	$27,877.08		
Development Time/Partner interface	1	$37,375.0	Y	$39,710.94	$1.54	$39,710.94		
Backup Appliance + Service	1	$7,475.0	Y	$7,942.19	$0.31	$7,942.19		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
Network & Transport Item	0	$0.0	N	$0.00	$0.00	$0.00		
No Overhead	0.0%	$1,941,853.9		$0.00	$0.00	$0.00		
Total Network & Transport				**$2,063,219.7**		**$2,063,219.7**		

Total By Supplier	Pretax	Tax	Total
Supplier 1	$0.0	$0.0	$0.0
Supplier 2	$0.0	$0.0	$0.0
Supplier 3	$0.0	$0.0	$0.0
Supplier 4	$0.0	$0.0	$0.0
Supplier 5	$0.0	$0.0	$0.0
Supplier 6	$0.0	$0.0	$0.0
Supplier 7	$0.0	$0.0	$0.0
Supplier 8	$0.0	$0.0	$0.0
Supplier 9	$0.0	$0.0	$0.0
Supplier 10	$0.0	$0.0	$0.0
Supplier 11	$0.0	$0.0	$0.0
Supplier 12	$0.0	$0.0	$0.0
Supplier 13	$0.0	$0.0	$0.0
Supplier 14	$0.0	$0.0	$0.0
Supplier 15	$0.0	$0.0	$0.0
Supplier 16	$0.0	$0.0	$0.0
Supplier 17	$0.0	$0.0	$0.0
Supplier 18	$0.0	$0.0	$0.0
Supplier 19	$0.0	$0.0	$0.0
Supplier 20	$0.0	$0.0	$0.0
Supplier 21	$0.0	$0.0	$0.0
Supplier 22	$0.0	$0.0	$0.0
Supplier 23	$0.0	$0.0	$0.0
Supplier 24	$0.0	$0.0	$0.0
Supplier 25	$0.0	$0.0	$0.0
Supplier 26	$0.0	$0.0	$0.0
Supplier 27	$0.0	$0.0	$0.0
Supplier 28	$0.0	$0.0	$0.0
Supplier 29	$0.0	$0.0	$0.0
Supplier 30	$0.0	$0.0	$0.0

Back to Category Totals

Item	Quantity	Price	Tax (Y/N) @ 6.25%	Total Cost	Universe Cost/Passing (Universe Passings 25,795)	Build Cost/Passing (Build Passings 25,795)	Supplier	Source/Notes
1:32 Optical Splitter	864	$517.5	Y	$475,065.00	$18.42	$475,065.00		
TA5000 2xSM41 SMIO4 BRG HF	12	$21,990.4	Y	$280,377.64	$10.87	$280,377.64		
TA 5000 SIDE-MOUNT 19" BRKTS	0	$128.7	Y	$0.00	$0.00	$0.00		
SFP+ 10G 1310NM SMF 10KM	36	$176.2	Y	$6,738.89	$0.26	$6,738.89		
TA 5000 10G PON OLT 8 x XGS N2 IT	51	$18,453.5	Y	$999,947.68	$38.77	$999,947.68		
Hub 3113 Building	1	$185,000.0	Y	$196,562.50	$7.62	$196,562.50		includes site prep, base, air conditioning, racks, DC powering, electrical service
Hub 3113 Building	1	$185,000.0	Y	$196,562.50	$7.62	$196,562.50		includes site prep, base, air conditioning, racks, DC powering, electrical service
Hub 3113 Building	1	$185,000.0	Y	$196,562.50	$7.62	$196,562.50		includes site prep, base, air conditioning, racks, DC powering, electrical service
Hub 3113 Building	1	$185,000.0	Y	$196,562.50	$7.62	$196,562.50		includes site prep, base, air conditioning, racks, DC powering, electrical service
1:2 Optical Splitter	432	$287.5	Y	$131,962.50	$5.12	$131,962.50		
TA 5000 AE OLT 12X SFP 20KM	117	$5,391.0	N	$630,747.00	$24.45	$630,747.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
OLT & Access Hardware Item	0	$0.0	N	$0.00	$0.00	$0.00		
No Overhead	0.0%	$3,153,421.5		$0.00	$0.00	$0.00		
Total OLT & Distribution				**$3,311,088.7**		**$3,311,088.71**		

Total By Supplier	Pretax	Tax	Total
Supplier 1	$0.0	$0.0	$0.0
Supplier 2	$0.0	$0.0	$0.0
Supplier 3	$0.0	$0.0	$0.0
Supplier 4	$0.0	$0.0	$0.0
Supplier 5	$0.0	$0.0	$0.0
Supplier 6	$0.0	$0.0	$0.0
Supplier 7	$0.0	$0.0	$0.0
Supplier 8	$0.0	$0.0	$0.0
Supplier 9	$0.0	$0.0	$0.0
Supplier 10	$0.0	$0.0	$0.0
Supplier 11	$0.0	$0.0	$0.0
Supplier 12	$0.0	$0.0	$0.0
Supplier 13	$0.0	$0.0	$0.0
Supplier 14	$0.0	$0.0	$0.0
Supplier 15	$0.0	$0.0	$0.0
Supplier 16	$0.0	$0.0	$0.0
Supplier 17	$0.0	$0.0	$0.0
Supplier 18	$0.0	$0.0	$0.0
Supplier 19	$0.0	$0.0	$0.0
Supplier 20	$0.0	$0.0	$0.0
Supplier 21	$0.0	$0.0	$0.0
Supplier 22	$0.0	$0.0	$0.0
Supplier 23	$0.0	$0.0	$0.0
Supplier 24	$0.0	$0.0	$0.0
Supplier 25	$0.0	$0.0	$0.0
Supplier 26	$0.0	$0.0	$0.0
Supplier 27	$0.0	$0.0	$0.0
Supplier 28	$0.0	$0.0	$0.0
Supplier 29	$0.0	$0.0	$0.0
Supplier 30	$0.0	$0.0	$0.0

Aerial Labor					
Item	Quantity	Contingency	Price	Tax (Y/N) @ 6.25%	Total Cost
Composite Strand & Lash 6M	1,485,601	0.0%	$3.1	N	$4,642,503.00
Tree Trimming - Non Arborist	375,150	0.0%	$2.6	N	$961,323.00
Non Vehicle Accessible Adder	153,060	0.0%	$0.8	N	$124,362.00
Install FDH 144c - Precast Pad Mount including up to 30"x48" Hand	1	0.0%	$6,875.0	N	$6,875.00
Install FDH 288c - Pour in Place Pad Mount including up to 30"x48	4	0.0%	$8,125.0	N	$32,500.00
Install FDH 432c - Pour in Place Pad Mount including up to 30"x48	64	0.0%	$10,312.5	N	$660,000.00
Cabinet Grounding - includes up to 2EA 5/8" x 8' Non Sectionalized	69	0.0%	$187.5	N	$12,938.00
OFDC-B8G-S2/84-18-NN-72 (1x8)	2,726	0.0%	$168.8	N	$460,013.00
Prep Aerial Splice Case 0F -288F	137	0.0%	$362.5	N	$49,663.00
Prep Aerial Splice Case >288F	4	0.0%	$400.0	N	$1,600.00
Fusion Splice Loose Tube 0F to 48F	6,104	0.0%	$35.6	N	$217,459.00
Fusion Splice Loose Tube 49F to 96F	3,623	0.0%	$33.1	N	$120,014.00
Fusion Splice Loose Tube 97F to 144F	3,197	0.0%	$30.6	N	$97,902.00
Fusion Splice Loose Tube 145F to 288F	1,023	0.0%	$28.1	N	$28,772.00
Bi-Directional OTDR Testing	13,947	0.0%	$15.0	N	$209,204.00
OFDC-C12-S2/TT-18-NN-96 (1x12)	682	0.0%	$211.0	N	$143,902.00
Added Cabinet Splices	2,054	0.0%	$35.6	N	$73,123.00
Added OTDR	2,054	0.0%	$15.0	N	$30,810.00
AE Installation and Provisioning	4	0.0%	$3,000.0	N	$12,000.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
Construction Labor Task	0	0.0%	$0.0	N	$0.00
No Overhead	0%		$7,884,963.0		$0.00
Total Fiber Construction - Aerial					**$7,884,963.00**
Additional Labor					
Traffic Control Basic	1,667	0.0%	$562.5	N	$937,688.00
Traffic Control Moderate	477	0.0%	$937.5	N	$447,188.00
Traffic Control Complex	238	0.0%	$1,562.5	N	$371,875.00
Program Manager II	622	0.0%	$412.1	N	$256,162.00
Project Coordinator	622	0.0%	$263.7	N	$163,944.00
Project Administrator	622	0.0%	$164.8	N	$102,465.00
Project Administrator		0.0%	$0.0	N	$0.00
Permit Specialist	89	0.0%	$227.8	N	$20,233.00
Permit Coordinator		0.0%	$0.0	N	$0.00
Project Controls Specialist		0.0%	$0.0	N	$0.00
Construction Manager II		0.0%	$0.0	N	$0.00
Construction Manager I	622	0.0%	$280.2	N	$174,191.00
Construction Superintendent II		0.0%	$0.0	N	$0.00
OSP Construction Supervisor II		0.0%	$0.0	N	$0.00
OSP Construction Supervisor I	622	0.0%	$247.3	N	$153,698.00
OSP Construction Inspector II	622	0.0%	$247.3	N	$153,698.00
OSP Construction Inspector I	622	0.0%	$214.3	N	$133,205.00
OSP Construction Inspector I		0.0%	$0.0	N	$0.00
Warehouse & Logistics Manager	622	0.0%	$181.3	N	$112,712.00
Network Deployment and Activation	59	0.0%	$375.0	N	$22,125.00
Labor Other	0	0.0%	$0.0	N	$0.00
Labor Other	0	0.0%	$0.0	N	$0.00
Labor Other	0	0.0%	$0.0	N	$0.00
No Overhead	0%		$3,049,184.0		$0.00
Total Additional Labor - Aerial					**$3,049,184.00**
Total Labor - Aerial					**$10,934,147.0**

Underground Labor						Supplier	Source/Notes
Item	Quantity	Contingency	Price	Tax (Y/N) @ 6.25%	Total Cost		
Directional Bore 2" to 4" Diameter Conduit Package - Softscape	487,122	0.0%	$17.5	N	$8,524,640.00		
Directional Bore 2" to 4" Diameter Conduit Package - Hardscape	25,638	0.0%	$23.1	N	$592,880.00		
Place 24"x36" Handhole	1,109	0.0%	$406.3	N	$450,532.00		
Place FOC Cable in New Conduit up to 432c	512,760	0.0%	$1.4	N	$705,046.00		
Install FDH 144c - Precast Pad Mount including up to 30"x48" Hand	0	0.0%	$6,875.0	N	$0.00		
Install FDH 288c - Pour in Place Pad Mount including up to 30"x48	2	0.0%	$8,125.0	N	$16,250.00		
Install FDH 432c - Pour in Place Pad Mount including up to 30"x48	22	0.0%	$10,312.5	N	$226,875.00		
Cabinet Grounding - includes up to 2EA 5/8" x 8' Non Sectionalized	24	0.0%	$187.5	N	$4,500.00		
Prep Buried Splice Case 0F -288F	36	0.0%	$343.8	N	$12,375.00		
Fusion Splice Loose Tube 0F to 48F	2,145	0.0%	$35.6	N	$76,405.00		
Fusion Splice Loose Tube 49F to 96F	1,273	0.0%	$33.1	N	$42,167.00		
Fusion Splice Loose Tube 97F to 144F	1,123	0.0%	$30.6	N	$34,398.00		
Fusion Splice Loose Tube 145F to 288F	359	0.0%	$28.1	N	$10,109.00		
Bi-Directional OTDR Testing	4,900	0.0%	$15.0	N	$73,505.00		
OFDC-B8G-S2/84-18-NN-72 (1x8)	958	0.0%	$168.8	N	$161,663.00		
OFDC-C12-S2/TT-18-NN-96 (1x12)	240	0.0%	$211.0	N	$50,640.00		
Added Cabinet Splices	722	0.0%	$35.6	N	$25,704.00		
Added OTDR	722	0.0%	$15.0	N	$10,830.00		
AE Installation and Provisioning	2	0.0%	$3,000.0	N	$6,000.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
Construction Labor Task	0	0.0%	$0.0	N	$0.00		
No Overhead	0%		$11,024,519.0		$0.00		
Total Fiber Construction - Underground					**$11,024,519.00**		
Additional Labor							
Traffic Control Basic	586	0.0%	$562.5	N	$329,625.00		
Traffic Control Moderate	167	0.0%	$937.5	N	$156,563.00		
Traffic Control Complex	84	0.0%	$1,562.5	N	$131,250.00		
Program Manager II	218	0.0%	$412.1	N	$90,003.00		
Project Coordinator	218	0.0%	$263.7	N	$57,602.00		
Project Administrator	218	0.0%	$164.8	N	$36,002.00		
Project Administrator		0.0%	$0.0	N	$0.00		
Permit Specialist	31	0.0%	$227.8	N	$7,109.00		
Permit Coordinator		0.0%	$0.0	N	$0.00		
Project Controls Specialist		0.0%	$0.0	N	$0.00		
Construction Manager II		0.0%	$0.0	N	$0.00		
Construction Manager I	218	0.0%	$280.2	N	$61,202.00		
Construction Superintendent II		0.0%	$0.0	N	$0.00		
OSP Construction Supervisor II		0.0%	$0.0	N	$0.00		
OSP Construction Supervisor I	218	0.0%	$247.3	N	$54,002.00		
OSP Construction Inspector II	218	0.0%	$247.3	N	$54,002.00		
OSP Construction Inspector I	218	0.0%	$214.3	N	$46,802.00		
OSP Construction Inspector I		0.0%	$0.0	N	$0.00		
Warehouse & Logistics Manager	218	0.0%	$181.3	N	$39,602.00		
Network Deployment and Activation	21	0.0%	$375.0	N	$7,875.00		
Labor Other	0	0.0%	$0.0	N	$0.00		
Labor Other	0	0.0%	$0.0	N	$0.00		
Labor Other	0	0.0%	$0.0	N	$0.00		
No Overhead	0%		$1,071,639.0		$0.00		
Total Additional Labor - Underground					**$1,071,639.00**		
Total Labor - Underground					**$12,096,158.0**		

Total By Supplier			
	Pretax	Tax	Total
Supplier 1	$0.0	$0.0	$0.0
Supplier 2	$0.0	$0.0	$0.0
Supplier 3	$0.0	$0.0	$0.0
Supplier 4	$0.0	$0.0	$0.0
Supplier 5	$0.0	$0.0	$0.0
Supplier 6	$0.0	$0.0	$0.0
Supplier 7	$0.0	$0.0	$0.0
Supplier 8	$0.0	$0.0	$0.0
Supplier 9	$0.0	$0.0	$0.0
Supplier 10	$0.0	$0.0	$0.0
Supplier 11	$0.0	$0.0	$0.0
Supplier 12	$0.0	$0.0	$0.0
Supplier 13	$0.0	$0.0	$0.0
Supplier 14	$0.0	$0.0	$0.0
Supplier 15	$0.0	$0.0	$0.0
Supplier 16	$0.0	$0.0	$0.0
Supplier 17	$0.0	$0.0	$0.0
Supplier 18	$0.0	$0.0	$0.0
Supplier 19	$0.0	$0.0	$0.0
Supplier 20	$0.0	$0.0	$0.0
Supplier 21	$0.0	$0.0	$0.0
Supplier 22	$0.0	$0.0	$0.0
Supplier 23	$0.0	$0.0	$0.0
Supplier 24	$0.0	$0.0	$0.0
Supplier 25	$0.0	$0.0	$0.0
Supplier 26	$0.0	$0.0	$0.0
Supplier 27	$0.0	$0.0	$0.0
Supplier 28	$0.0	$0.0	$0.0
Supplier 29	$0.0	$0.0	$0.0
Supplier 30	$0.0	$0.0	$0.0

Item	Quantity	Contingency	Price	Pretax Total	Tax (Y/N) @ 6.25%	Total Cost	Supplier	Source/Notes
Drop Wire 100'	7,082	0.0%	$80.5	$285,051.0	Y	$302,866.69		
Drop Wire 200'	8,075	0.0%	$118.5	$478,242.0	Y	$508,132.13		
Drop Wire 400'	9,039	0.0%	$246.1	$1,112,249.0	Y	$1,181,764.56		
Drop Wire 600'	1,409	0.0%	$345.0	$243,053.0	Y	$258,243.81		
Drop Wire 800'	169	0.0%	$460.0	$38,870.0	Y	$41,299.38		
Drop Wire 1000'	21	0.0%	$575.0	$6,038.0	Y	$6,415.38		
Demarcation Box	12,898	0.0%	$32.2	$207,650.0	Y	$220,628.13		
Inside Drop Fiber	12,898	0.0%	$34.5	$222,482.0	Y	$236,387.13		
Fiber Jumper	12,898	0.0%	$6.9	$44,497.0	Y	$47,278.06		
Wall Plate	12,898	0.0%	$17.3	$111,241.0	Y	$118,193.56		
Ground Road	12,898	0.0%	$16.1	$103,825.0	Y	$110,314.06		
Other Hardware	12,898	0.0%	$11.5	$74,161.0	Y	$78,796.06		
Installation Material Other	12,898	0.0%	$0.0	$0.0	Y	$0.00		
Installation Material Other	12,898	0.0%	$0.0	$0.0	Y	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Material Other	0	0.0%	$0.0	$0.0	N	$0.00		
No Overhead	0%		$2,927,359.0			$0.00		
Total Connections Material						**$3,110,318.94**		
CPE								
ONT 1G XGSPON Basic	12,898	0.0%	$202.3	$1,043,410.4	Y	$1,108,623.55		
ONT 1G XGSPON WiFi 6	12,898	0.0%	$327.6	$422,537.6	Y	$448,946.20		
ONT XGS/AE (incremental over Basic)	12,898	0.0%	$39.0	$50,300.4	Y	$53,444.18		
CPE Other	12,898	0.0%	$0.0	$0.0	Y	$0.00		
CPE Other	12,898	0.0%	$0.0	$0.0	N	$0.00		
CPE Other	0	0.0%	$0.0	$0.0	N	$0.00		
CPE Other	0	0.0%	$0.0	$0.0	N	$0.00		
CPE Other	0	0.0%	$0.0	$0.0	N	$0.00		
CPE Other	0	0.0%	$0.0	$0.0	N	$0.00		
CPE Other	0	0.0%	$0.0	$0.0	N	$0.00		
CPE Other	0	0.0%	$0.0	$0.0	N	$0.00		
CPE Other	0	0.0%	$0.0	$0.0	N	$0.00		
No Overhead	0%		$1,516,248.4			$0.00		
Total CPE						**$1,611,013.93**		
Installation Labor								
Underground Brop Bury Footage	672,850	0.0%	$4.4	$2,943,719.0	N	$2,943,719.00		
Aerial Drops	9,544	0.0%	$190.1	$1,813,957.0	N	$1,813,957.00		
Premise Installation	12,898	0.0%	$156.3	$2,015,235.0	N	$2,015,235.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
Installation Labor	0	0.0%	$0.0	$0.0	N	$0.00		
No Overhead	0%		$6,772,911.0			$0.00		
Total Installation Labor						**$6,772,911.00**		
Total Connections						**$11,494,243.86**		
Total Installation No CPE						**$9,883,229.94**		

Total By Supplier			
	Pretax	Tax	Total
Supplier 1	$0.0	$0.0	$0.0
Supplier 2	$0.0	$0.0	$0.0
Supplier 3	$0.0	$0.0	$0.0
Supplier 4	$0.0	$0.0	$0.0
Supplier 5	$0.0	$0.0	$0.0
Supplier 6	$0.0	$0.0	$0.0
Supplier 7	$0.0	$0.0	$0.0
Supplier 8	$0.0	$0.0	$0.0
Supplier 9	$0.0	$0.0	$0.0
Supplier 10	$0.0	$0.0	$0.0
Supplier 11	$0.0	$0.0	$0.0
Supplier 12	$0.0	$0.0	$0.0
Supplier 13	$0.0	$0.0	$0.0
Supplier 14	$0.0	$0.0	$0.0
Supplier 15	$0.0	$0.0	$0.0
Supplier 16	$0.0	$0.0	$0.0
Supplier 17	$0.0	$0.0	$0.0
Supplier 18	$0.0	$0.0	$0.0
Supplier 19	$0.0	$0.0	$0.0
Supplier 20	$0.0	$0.0	$0.0
Supplier 21	$0.0	$0.0	$0.0
Supplier 22	$0.0	$0.0	$0.0
Supplier 23	$0.0	$0.0	$0.0
Supplier 24	$0.0	$0.0	$0.0
Supplier 25	$0.0	$0.0	$0.0
Supplier 26	$0.0	$0.0	$0.0
Supplier 27	$0.0	$0.0	$0.0
Supplier 28	$0.0	$0.0	$0.0
Supplier 29	$0.0	$0.0	$0.0
Supplier 30	$0.0	$0.0	$0.0

Item	Quantity	Contingency	Price	Tax (Y/N) @ 6.25%	Total Cost	Supplier	Source/Notes
item	0	0.0%	$0.0	Y	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
No Overhead	0%		$0.0		$0.00		
Total Other 1					**$0.00**		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
No Overhead	0%		$0.0		$0.00		
Total Other 2					**$0.00**		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
Item	0	0.0%	$0.0	N	$0.00		
No Overhead	0%		$0.0		$0.00		
Total Other 3					**$0.00**		
Total Other Capital					**$0.00**		

Total By Supplier			
	Pretax	Tax	Total
Supplier 1	$0.0	$0.0	$0.0
Supplier 2	$0.0	$0.0	$0.0
Supplier 3	$0.0	$0.0	$0.0
Supplier 4	$0.0	$0.0	$0.0
Supplier 5	$0.0	$0.0	$0.0
Supplier 6	$0.0	$0.0	$0.0
Supplier 7	$0.0	$0.0	$0.0
Supplier 8	$0.0	$0.0	$0.0
Supplier 9	$0.0	$0.0	$0.0
Supplier 10	$0.0	$0.0	$0.0
Supplier 11	$0.0	$0.0	$0.0
Supplier 12	$0.0	$0.0	$0.0
Supplier 13	$0.0	$0.0	$0.0
Supplier 14	$0.0	$0.0	$0.0
Supplier 15	$0.0	$0.0	$0.0
Supplier 16	$0.0	$0.0	$0.0
Supplier 17	$0.0	$0.0	$0.0
Supplier 18	$0.0	$0.0	$0.0
Supplier 19	$0.0	$0.0	$0.0
Supplier 20	$0.0	$0.0	$0.0
Supplier 21	$0.0	$0.0	$0.0
Supplier 22	$0.0	$0.0	$0.0
Supplier 23	$0.0	$0.0	$0.0
Supplier 24	$0.0	$0.0	$0.0
Supplier 25	$0.0	$0.0	$0.0
Supplier 26	$0.0	$0.0	$0.0
Supplier 27	$0.0	$0.0	$0.0
Supplier 28	$0.0	$0.0	$0.0
Supplier 29	$0.0	$0.0	$0.0
Supplier 30	$0.0	$0.0	$0.0