

CVFIBER MATERIAL LIST FOR RFP											
	Description	QTY	UOM	Quoted QTY	Unit Price	Extended	Lead Time in Weeks (or specify "On Hand")	Firm Price Date	Minimum Qty	Notes	Item Quoted
A	FIBER										
1	48 Strand Fiber - BULK BUY 130 - 92 MILES OF 72 x 22348 STRAND FIBER, FORTEX DT-100% DRY LIGHT ARMOR SINGLE PE KIT, SINGLE ARMOR, DIELECTRIC CENTRAL MEMBER ALLWAVE + SM-35/31/25 DB/KM @1310/1385/1550 MILES GET 300 MILES MORE: 1,584,000 FT	1584000	ft.		\$ -	-					
2	144 STRAND FIBER, FORTEX DT-100% DRY LIGHT ARMOR SINGLE PE KIT, SINGLE ARMOR, DIELECTRIC CENTRAL MEMBER ALLWAVE + SM-35/31/25 DB/KM @1310/1385/1550NM	422400	ft.		\$ -	-					
3	Shipping		Per Shipment	ea.	\$ -	-					
B	STRAND										
1	STRAND, 5/16 IN, EHS CLASS A, 5000 FT. REEL USA, ORDER IN MULTIPLES OF 5,000	2112000	ft.		\$ -	-					
2	SPLICE, STRAND, 5/16 IN, GALVANIZED, EHS, CLASS C COATING	528	ea.		\$ -	-					
C	HARDWARE (strand and lash)										
1	CLAMP, 3 BOLT SUSPENSION STRAIGHT	5280	ea.		\$ -	-					
2	CLAMP, 3 BOLT SUSPENSION CURVED	528	ea.		\$ -	-					
3	CLAMP, BONDING, JUMPER, UL WIRE, RANGE 650L-2/OSTR	16896	ea.		\$ -	-					
4	DEADEND, 5/16 IN, GALVANIZED, CLASS B, COATING	13517	ea.		\$ -	-					
5	HOOK, GUY, RAMS HEAD, 5/8 IN	3274	ea.		\$ -	-					
6	OPT-LOOP, 16.25 IN DIAMETER, METAL SINGLE WRAP, W/HARDWARE	1014	ea.		\$ -	-					
7	WASHER, 3", SQUARE CURVED	14784	ea.		\$ -	-					
8	SCREW, 1/4 X 2 1/2 IN, HEX LAG WITH NEOPRENE WASHER	3168	ea.		\$ -	-					
9	SCREW, FD LAG, 1/2 IN X 4 IN	8448	ea.		\$ -	-					
10	STAPLE, COPPER, 1 25 X 25 X .114 IN, ROLLED DIAMOND POINT	21120	ea.		\$ -	-					
11	STRAP, REINFORCING, 1 3/4 X 1/8	5280	ea.		\$ -	-					
12	THIMBLE EYE NUT- 5/8", THREADED	1584	ea.		\$ -	-					
13	WIRE, GROUND, #6 AWG, BARE, SOLID 315' REELS	20160	ft.		\$ -	-					
14	WIRE, LASHING, #38, TYPE 302, 1600 FT. COIL, STAINLESS (COIL)	3168	ft.		\$ -	-					
15	WIRE, 14AWG, HI STRENGTH, TRACER, 30ML, HDPE JACKET, ORANGE, 5000 FT/REEL	52000	ft.		\$ -	-					
16	BOLT, MACHINE, 5/8 IN X 10 IN	2112	ea.		\$ -	-					
17	BOLT, MACHINE, SQUARE HEAD, 5/8 IN X 12 IN, W/NUT, GALVANIZED	2112	ea.		\$ -	-					
18	BOLT, MACHINE, SQUARE HEAD, 5/8 IN X 14 IN, W/NUT, GALVANIZED	2218	ea.		\$ -	-					
19	BOLT, MACHINE, SQUARE HEAD, 5/8 IN X 16 IN, W/NUT, GALVANIZED	528	ea.		\$ -	-					
20	BOLT, MACHINE, 5/8 IN X 18 IN	528	ea.		\$ -	-					
21	BOLT, MACHINE, 5/8 IN X 20 IN	264	ea.		\$ -	-					
22	TAPE, ALL WEATHER VINYL, 1 IN X 36 FT, BLACK	211	ea.		\$ -	-					
23	HEAD, LOCKING, PLASTIC, W/STAINLESS STEEL PAWLS	21120	ea.		\$ -	-					
24	STRAP, REEL, 50FT, PLASTIC, 1/2IN WIDE, DELTEC	317	ea.		\$ -	-					
25	SPACER, CABLE, STACKABLE, FOR 1/2 IN STRAP, DIAMOND-TEK	12672	ea.		\$ -	-					
26	MULETAPE, 1/2 IN, 1250 LB, PRINTED, 5000 FT	52800	ft.		\$ -	-					
27	CLAMP, D CABLE LASHING, FOR 1/4IN - 7/16IN STRAND	12672	ea.		\$ -	-					
28	U-GUARD, FLANGED, 2 IN X 10 FT, POLYETHYLENE, SCHEDULE 40	106	ea.		\$ -	-					
D	ANCHORS AND MARKERS										
1	ANCHOR, NO WRENCH, 10 IN X 66 IN, TRIPLEEY	1901	ea.		\$ -	-					
2	ANCHOR, ROCK, EXPANDING, 1 3/4IN X 53IN, TRIPLEEY, GALVANIZED	1690	ea.		\$ -	-					
3	MARKER, GUY, 8 FT, YELLOW, FULL ROUND, 1-1/2 IN	3432	ea.		\$ -	-					
4	MARKER, 2 IN, WRAP AROUND, FIBER OPTIC	3168	ea.		\$ -	-					
5	MARKER, 4 IN, WRAP AROUND, CAUTION FIBER OPTIC CABLE	2112	ea.		\$ -	-					
6	POST, TELEMARKEER, 6 FT, ORANGE CAP, 2 SIDED, SPECIFY COLOR /MARKING	21	ea.		\$ -	-					
E	DUCT AND HANDHOLES										
1	MICRODUCT, FIELDSHIELD, 14/10MM, DIRECT BURY, TONABLE, ORANGE, W/PS, 1250FT	53000	ft.		\$ -	-					
2	ENCLOSURE, BELOW GRADE, 14 X 19 X 12 IN, POLYETHYLENE, BLACK	60	ea.		\$ -	-					
3	HANDHOLE, POLYMER CONCRETE, 24 X 36 X 24 IN, OPEN BOTTOM, 20K COVER	140	ea.		\$ -	-					
4	VAULT, POLYMER CONCRETE, 30X48X36, OPEN BOTTOM, 20K COVER	80	ea.		\$ -	-					
5	DUCT, HDPE, 1.25 IN, SDR11, SMOOTH IN/OUT, EMPTY, ORANGE	105600	ft.		\$ -	-					
6	DUCT, 2 IN, SDR11, SMOOTH IN/OUT, EMPTY, ORANGE	46464	ft.		\$ -	-					
7	COUPLING, ALUMINUM, REVERSE THREADED, 2 INCH	53	ea.		\$ -	-					
8	COUPLING, ALUMINUM, REVERSE THREADED, 1.25 INCH	106	ea.		\$ -	-					
F	SPLICING AND SPLITTERS										
1	1X2 SMALL SPLITTER, 250UM, BARE RIBBON, BIF, 1 METER IN/OUTPUT, 4X7X60MM	16	ea.		\$ -	-					
2	1X4 SMALL SPLITTER, 250UM, BARE RIBBON, BIF, 1 METER IN/OUTPUT, 4X7X60MM	16	ea.		\$ -	-					
3	1X8 SMALL SPLITTER, 250UM, BARE RIBBON, BIF, 1 METER IN/OUTPUT, 4X7X60MM	48	ea.		\$ -	-					
4	1X16 SMALL SPLITTER, 250UM, BARE RIBBON, BIF, 1 METER IN/OUTPUT, 4X7X60MM	128	ea.		\$ -	-					
5	SPLITTER, FIBER, 1X32 PLC, 250UM BARE RIBBON, 1M LEGS IN/OUT, NO CONNECTORS	160	ea.		\$ -	-					

6	SLEEVE, SPLICE, SINGLE FUSION, 62MM, SMOUV 1120-01	19008	ea.	\$ -	-	-				
7	CLAMP, AERIAL, FOR FOSC 450, FOSC-ACC-450 AERIAL-CLMP	422	ea.	\$ -	-	-				
8	CLOSURE, FIBER OPTIC SPLICE, FOSC450-B6-6-NT-0-B3V	63	ea.	\$ -	-	-				
9	CLOSURE, FIBER OPTIC SPLICE, FOSC450-D6-6-NT-0-DEV	116	ea.	\$ -	-	-				
10	TRAY, SPLICE, 24 FIBER, B CLOSURE, FOSC-ACC-B-TRAY-24	127	ea.	\$ -	-	-				
11	TRAY, SPLICE, 48 FIBER, D CLOSURE, FOSC-ACC-D-TRAY-48	317	ea.	\$ -	-	-				
12	KIT, GEL TAPE WRAP, FOSC450, MULTIDROP, FAK-MULDRP-4S-4W-DRP	211	ea.	\$ -	-	-				
G	TERMINALS			\$ -	-	-				
1	TERMINAL, TITAN RTD, 12 PORT, 1000FT DIELECTRIC STUB, REVERSE RL, TERM FIRST	63	ea.	\$ -	-	-				
2	TERMINAL, TITAN RTD, 12 PORT, 1000FT DIELECTRIC STUB	16	ea.	\$ -	-	-				
3	TERMINAL, TITAN RTD, 12 PORT, 1500FT ADSS STUB, REVERSE RL, TERM FIRST	32	ea.	\$ -	-	-				
4	TERMINAL, TITAN RTD, 12 PORT, 2000FT ADSS STUB, REVERSE RL, TERM FIRST	48	ea.	\$ -	-	-				
5	TERMINAL, TITAN RTD, 12 PORT, 500FT ADSS STUB, REVERSE RL, TERM FIRST	95	ea.	\$ -	-	-				
6	TERMINAL, TITAN RTD, 4 PORT, 1000FT ADSS STUB, REVERSE RL, TERM FIRST	79	ea.	\$ -	-	-				
7	TERMINAL, TITAN RTD, 4 PORT, 1500FT ADSS STUB, REVERSE RL, TERM FIRST	63	ea.	\$ -	-	-				
8	TERMINAL, TITAN RTD, 4 PORT, 2000FT ADSS STUB, REVERSE RL, TERM FIRST	48	ea.	\$ -	-	-				
9	TERMINAL, TITAN RTD, 4 PORT, 2500FT DIELECTRIC STUB, REV REEL, TERM FIRST	16	ea.	\$ -	-	-				
10	TERMINAL, TITAN RTD, 4 PORT, 500FT ADSS STUB, REVERSE RL, TERM FIRST	63	ea.	\$ -	-	-				
11	TERMINAL, TITAN RTD, 6 PORT, 1000FT ADSS STUB, REVERSE RL, TERM FIRST	95	ea.	\$ -	-	-				
12	TERMINAL, TITAN RTD, 6 PORT, 1500FT ADSS STUB, REVERSE RL, TERM FIRST	32	ea.	\$ -	-	-				
13	TERMINAL, TITAN RTD, 6 PORT, 2000FT ADSS STUB, REVERSE RL, TERM FIRST	16	ea.	\$ -	-	-				
14	TERMINAL, TITAN RTD, 6 PORT, 2500FT ADSS STUB, REVERSE RL, TERM FIRST	32	ea.	\$ -	-	-				
15	TERMINAL, TITAN RTD, 6 PORT, 500FT ADSS STUB, REVERSE RL, TERM FIRST	143	ea.	\$ -	-	-				
16	TERMINAL, TITAN RTD, 6 PORT, 100FT DIELECTRIC STUB	79	ea.	\$ -	-	-				
17	TERMINAL, TITAN RTD, 8 PORT, 1000FT ADSS STUB, REVERSE RL, TERM FIRST	174	ea.	\$ -	-	-				
18	TERMINAL, TITAN RTD, 8 PORT, 100FT DIELECTRIC STUB	48	ea.	\$ -	-	-				
19	TERMINAL, TITAN RTD, 8 PORT, 1500FT ADSS STUB, REVERSE RL, TERM FIRST	127	ea.	\$ -	-	-				
20	TERMINAL, TITAN RTD, 8 PORT, 2000FT ADSS STUB, REVERSE RL, TERM FIRST	32	ea.	\$ -	-	-				
21	TERMINAL, TITAN RTD, 8 PORT, 500FT ADSS STUB, REVERSE RL, TERM FIRST	95	ea.	\$ -	-	-				
22	BRKT KIT, TITAN RTD, HANGING, 4/6 PORT, FOR USE IN HANDHOLE	63	ea.	\$ -	-	-				
23	BRKT KIT, TITAN RTD, HANGING, FOR USE ON STRAND	1356	ea.	\$ -	-	-				
H	DROP AND HOME									
1	SCREW, PHILLIPS, #10-24 X 1-1/4"	5280	ea.	\$ -	-	-				
2	SCREW, TAPCON, 1/4IN X 1-1/4IN, FLAT HEAD PHILLIPS, MASONRY, W/ DRILL BIT	1056	ea.	\$ -	-	-				
3	SEALANT, B, 3 OZ	253	ea.	\$ -	-	-				
4	RISE, 7/8 IN OD X 5 FT, STRAIGHT, 2 CLAMPS	317	ea.	\$ -	-	-				
5	MOUNT, MASONRY, 1.24 IN LENGTH, 25 IN DIA HOLE, 18 IN MAX CABLE TIE	1056	ea.	\$ -	-	-				
6	KIT, ANCHOR, PLASTIC, #10 X 1 IN SLOT HEX W/MASONRY BIT	106	ea.	\$ -	-	-				
7	HOOK, DRIVE, 7/16 IN X 4-3/4 IN DRIVE HOOK	4752	ea.	\$ -	-	-				
8	HOOK, DROP WIRE, RAMS HORN	1584	ea.	\$ -	-	-				
9	TIE, CABLE, 8 IN, 50 LB, UV RATED, BLACK	2112	ea.	\$ -	-	-				
10	NID, WALL MOUNT, INDOOR/OUTDOOR, SCAPC SIMPLEX, 1M CLEARCURVE PIGTAIL	1869	ea.	\$ -	-	-				
11	CONNECTOR, FASTCONNECT, SC/APC, ZR, SM, PRE-POLISH, 900UM, PK OF 6	370	ea.	\$ -	-	-				
12	PIGTAIL, DIELECTRIC DROP STUB, 1250FT	792	ea.	\$ -	-	-				
13	PIGTAIL, DIELECTRIC DROP STUB, 1500FT	317	ea.	\$ -	-	-				
14	PIGTAIL, DIELECTRIC DROP STUB, 2000FT	554	ea.	\$ -	-	-				
15	PIGTAIL, DIELECTRIC DROP STUB, 2500FT	317	ea.	\$ -	-	-				
16	PIGTAIL, DIELECTRIC DROP STUB, 500FT	317	ea.	\$ -	-	-				
17	PIGTAIL, DIELECTRIC DROP STUB, 250FT	79	ea.	\$ -	-	-				
18	PIGTAIL, TRIDENT, TONEABLE DROP STUB, 500 FT	79	ea.	\$ -	-	-				
19	PIGTAIL, TRIDENT, TONEABLE DROP STUB, 2000 FT	79	ea.	\$ -	-	-				
20	PIGTAIL, TRIDENT, TONEABLE DROP STUB, 2500 FT	79	ea.	\$ -	-	-				
21	PIGTAIL, TRIDENT, TONEABLE DROP STUB, 1500 FT	190	ea.	\$ -	-	-				
22	CLAMP, E DROP WIRE	2112	ea.	\$ -	-	-				
23	CLAMP, FLAT FIBER DROP WIRE, STAINLESS, 3/16 IN W X .200 IN H	6336	ea.	\$ -	-	-				
24	CLAMP, O SPAN	528	ea.	\$ -	-	-				
25	CLIP, SIDING, HORIZONTAL, CLEAR, 100/BAG	2080	ea.	\$ -	-	-				
26	PATCHCORD, SM, SMPLEX, SCA/SCA, IN/OUT RATED, SMF28E, 4.8MM WHIT JKT, 25FT	1584	ea.	\$ -	-	-				
27	PATCHCORD, SM, SMPLEX, SCA/SCA, IN/OUT RATED, SMF28E, 4.8MM WHIT JKT, 50FT	792	ea.	\$ -	-	-				
28	PATCHCORD, SM, SMPLEX, SCA/SCA, IN/OUT RATED, SMF28E, 4.8MM WHIT JKT, 75FT	475	ea.	\$ -	-	-				
29	PATCHCORD, SM, SMPLEX, SCA/SCA, IN/OUT RATED, SMF28E, 4.8MM WHIT JKT, 100FT	238	ea.	\$ -	-	-				
30	POST, MOBILE HOME, 36 IN	317	ea.	\$ -	-	-				
31	U-GUARD, FLANGED, 1IN X 10 FT, POLYETHYLENE, SCHEDULE 40	545	ea.	\$ -	-	-				
I	LARGE CABINET									

1	ODC-2000 E7-2 Pckg 2x HX Cap, 3700W = E7-2 no FTA; 17x AE/ 14x GPON, 20x A+B DC fuse,	4 ea.	\$ -	-	-				
2	BATTERY HEATER - FRONT ACCESS BATTERY - ODC-2000	4 ea.	\$ -	-	-				
3	KIT, MOUNT, PAD, W/POUR IN PLACE TEMPLATE, ODC-2000	4 ea.	\$ -	-	-				
4	ODC-X000 30AMP GENERATOR CONNECTOR, NEMA L14-30R	4 ea.	\$ -	-	-				
5	Eltek Rectifier Module - 30AMP	16 ea.	\$ -	-	-				
6	ODC-X000 190AH ENERSYS SBS BATTERY STRING 12.4INH X 4.9INH X 22.1INL, 132LBS EACH	8 ea.	\$ -	-	-				
7	E7-2 Factory Install Package (ODC): Shelf with Blank Card and Factory Installation Kit	40 ea.	\$ -	-	-				
8	FXDS PANEL, PATCH ONLY, 19 AND 23 INCH MOUNTING, 11 INCH/24 CASS. CAP. CHASSIS, 288 SINGLEMODE SC/APC PORTS, FRONT LOAD, LOADED WITH 2 X 144 FIBER SINGLEMODE 100 FEET OSP NON-RATED LOOSE TUBE PIGTAIL(S) IN CLEARVIEW BLUE CASSETTE. FRONT PROTECTION INCLUDED.	8 ea.	\$ -	-	-				
J CABINET ELECTRONICS									
1	Calix E7-2 Fan Tray Assembly 2 - FTA2 Shelf Accessories	44 ea.	\$ -	-	0				
2	Calix E7-2 Field Install Package (CO & ODC/RT): Shelf with Blank Card, FTA, and Field Installation Kit Product Packages	0 ea.	\$ -	-	0				
3	Calix E7-2 AXOS XGB01 (8x XGS-PON/GPON DIM, 4x 10GE SFP+, 2x 100GE QSFP-DD)	84 ea.	\$ -	-	0				
4	Calix XGS-PON SFP+, 10G/10G, Class N1, 1577/1270nm, Single Fiber Transceiver, 20km, I-Temp	538 ea.	\$ -	-	0				
5	Calix XGS-PON SFP+, 10G/10G, Class N2, 1577/1270nm, Single Fiber Transceiver, 40km, I-Temp	134 ea.	\$ -	-	0				
6	Calix 10GE SFP+, Single Mode dual fiber transceiver, 10km, 1310nm, LC, I-Temp 10 GE Interfaces	ea.	\$ -	-	0				
7	Calix QSFP28 to QSFP28 100GE Direct Attach Cable (DAC), 2m, 30AWG, I-Temp, passive	10 ea.	\$ -	-	0				
8	Calix QSFP28 to QSFP28 100GE Direct Attach Cable (DAC), 0.5m, 30AWG, I-Temp, passive	80 ea.	\$ -	-	0				
9	Calix 10GE SFP+, Single Mode dual fiber transceiver, 20km, 1310nm, LC, I-Temp 10 GE Interfaces	5 ea.	\$ -	-	0				
10	Calix 10GE SFP+, Single Mode dual fiber transceiver, 40km, 1550nm, LC, I-Temp 10 GE Interfaces	5 ea.	\$ -	-	0				
11	Calix 10GE SFP+, Single Mode dual fiber transceiver, 80km, 1550nm, LC, I-Temp 10 GE Interfaces 1,	5 ea.	\$ -	-	0				
12	Calix QSFP28 100GE Single Mode Optical Transceiver 10km, 1310nm, Dual LC, C-Temp 100 GE Interfaces 2	3 ea.							
13	Calix QSFP28 100GE Single Mode Optical Transceiver 25km-40km, 1310nm, Dual LC, C-Temp 100 GE Interfaces 6	10 ea.							
14	Calix QSFP28 100GE Single Mode Optical Transceiver 80km, 1310nm, Dual LC, C-Temp	3 ea.							

