

A. Detailed Summary of Results

**Interconnection Services
 Collocation**

Cost Element	Investment sB r1	Total Direct sB r14	TELRIC Total Direct X (1 + 0.1982) 0.1982	Common TELRIC X 0.0405 0.0405	TELRIC +
					Common sB r40

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1 Standard Collocation

1.1 Terminations

1.1.1 Terminations - 45 Day Installation

1.1.2 Terminations - 90 Day Installation

DS0 - 90 Day Installation

DS0 Cable Placement per 100 Pair Block - 90 Day		\$256.68	\$307.04	\$12.44	\$319.48
DS0 Cable Placement per Termination - 90 Day		\$4.82	\$5.76	\$0.23	\$6.00
DS0 Cable per 100 Pair Block - 90 Day		\$273.25	\$326.86	\$13.24	\$340.10
DS0 Cable per Termination - 90 Day		\$3.74	\$4.48	\$0.18	\$4.66
DS0 Blocks per 100 Pair Block - 90 Day		\$471.95	\$564.55	\$22.86	\$587.42
DS0 Blocks per Termination - 90 Day		\$6.47	\$7.73	\$0.31	\$8.05
DS0 Block Placement per 100 Pair Block - 90 Day		\$492.41	\$589.02	\$23.86	\$612.88
DS0 Block Placement per Termination - 90 Day		\$6.75	\$8.07	\$0.33	\$8.40

DS1 - 90 Day Installation

DS1 Cable Placement per 28 DS1s - 90 Day		\$379.86	\$454.38	\$18.40	\$472.79
DS1 Cable Placement per Termination - 90 Day		\$40.84	\$48.88	\$1.98	\$50.84
DS1 Cable per 28 DS1s - 90 Day		\$273.25	\$326.86	\$13.24	\$340.10
DS1 Cable per per Termination - 90 Day		\$33.92	\$40.58	\$1.64	\$42.22
DS1 Panel per 28 DS1s - 90 Day		\$397.36	\$475.32	\$19.25	\$494.57
DS1 Panel per Termination - 90 Day		\$42.73	\$51.11	\$2.07	\$53.18
DS1 Panel Placement per 28 DS1s - 90 Day		\$191.58	\$229.15	\$9.28	\$238.43
DS1 Panel Placement per Termination - 90 Day		\$20.80	\$24.64	\$1.00	\$25.64

DS3 - 90 Day Installation

DS3 Cable per Termination - 90 Day		\$181.89	\$217.57	\$8.81	\$226.39
DS3 Cable Placement per Termination - 90 Day		\$203.71	\$243.67	\$9.87	\$253.54
DS3 Connector per Termination - 90 Day		\$22.16	\$26.51	\$1.07	\$27.59
DS3 Connector Placement per Termination - 90 Day		\$21.51	\$25.73	\$1.04	\$26.77

1.1.3 Terminations - Monthly Charge

DS0 - Monthly Charge

DS0 Cable Placement per 100 pair per month		\$0.3288	\$0.3933	\$0.0159	\$0.4093
DS0 Cable Placement per Termination per month		\$0.0062	\$0.0074	\$0.0003	\$0.0077
DS0 Cable per 100 pair per month		\$0.3500	\$0.4187	\$0.0170	\$0.4357
DS0 Cable per Termination per month		\$0.0048	\$0.0057	\$0.0002	\$0.0060
DS0 Blocks per 100 pair per month		\$0.6046	\$0.7232	\$0.0293	\$0.7525
DS0 Blocks per Termination per month		\$0.0083	\$0.0099	\$0.0004	\$0.0103
DS0 Block Placement per 100 pair per month		\$0.6308	\$0.7546	\$0.0306	\$0.7851
DS0 Block Placement per Termination per month		\$0.0086	\$0.0103	\$0.0004	\$0.0108

DS1 - Monthly Charge

DS1 Cable Placement per 28 DS1s per month		\$0.5597	\$0.6695	\$0.0271	\$0.6966
DS1 Cable Placement per Termination per month		\$0.0602	\$0.0720	\$0.0029	\$0.0749
DS1 Cable per 28 DS1s per month		\$0.4026	\$0.4816	\$0.0195	\$0.5011
DS1 Cable per per Termination per month		\$0.0500	\$0.0598	\$0.0024	\$0.0622
DS1 Panel per 28 DS1s per month		\$0.5855	\$0.7003	\$0.0284	\$0.7287
DS1 Panel per Termination per month		\$0.0630	\$0.0753	\$0.0030	\$0.0784
DS1 Panel Placement per 28 DS1s per month		\$0.2822	\$0.3376	\$0.0137	\$0.3513
DS1 Panel Placement per Termination per month		\$0.0303	\$0.0363	\$0.0015	\$0.0378

DS3 - Monthly Charge

DS3 Cable Placement per Termination per month		\$0.2680	\$0.3206	\$0.0130	\$0.3336
DS3 Cable per Termination per month		\$0.3001	\$0.3590	\$0.0145	\$0.3736
DS3 Connector per Termination per month		\$0.0327	\$0.0391	\$0.0016	\$0.0406
DS3 Connector Placement per Termination per month		\$0.0317	\$0.0379	\$0.0015	\$0.0394

1.2 Entrance Facility

1.2.1 Entrance Facility - 90 Day Installation

Standard Shared Per Fiber		\$1,210.06	\$1,447.48	\$58.62	\$1,506.10
Cross Connect per Fiber		\$1,303.41	\$1,559.14	\$63.15	\$1,622.28
Express per Cable		\$6,067.69	\$7,294.06	\$295.41	\$7,589.47

1.2.2 Entrance Facility - Monthly Charge

Standard Shared Per Fiber per month	\$248.34	\$3.77	\$4.51	\$0.18	\$4.69
Cross Connect per Fiber per month	\$135.93	\$2.73	\$3.26	\$0.13	\$3.39
Express per Cable per month	\$267.86	\$6.00	\$7.17	\$0.29	\$7.47

1.3 Cable Splicing - 90 Day Installation

Setup		\$414.41	\$495.72	\$20.08	\$515.79
Per fiber Spliced		\$30.59	\$36.59	\$1.48	\$38.08

Interconnection Services Collocation					
Cost Element	Investment	Total Direct	TELRIC Total Direct X (1 + 0.1962)	Common TELRIC X 0.0405	TELRIC +
					Common
	sB r1	sB r14			sB r40
1.4 Power Usage					
1.4.1 Power Plant per Amp Ordered					
Power Plant per Amp Ordered	\$480.10	\$7.50	\$8.9765	\$0.3635	\$9.3400
Power Usage-Less than 60 AMPS per Amp Ordered		\$1.26	\$1.51	\$0.06	\$1.67
Power Usage-More than 60 AMPS per Amp Ordered		\$2.52	\$3.01	\$0.12	\$3.13
1.4.2 Backup AC Power Feed Usage - Monthly Charges					
120 V per Amp per Month	\$321.64	\$14.41	\$17.24	\$0.70	\$17.94
208 V, Single Phase per Amp per Month	\$557.51	\$24.98	\$29.88	\$1.21	\$31.09
208 V, Three Phase per Amp per Month	\$984.49	\$43.22	\$51.70	\$2.09	\$53.79
240 V, Single Phase per Amp per Month	\$643.28	\$28.82	\$34.48	\$1.40	\$35.88
240 V, Three Phase per Amp per Month	\$1,112.87	\$49.87	\$59.65	\$2.42	\$62.06
480 V, Three Phase per Amp per Month	\$2,225.74	\$99.73	\$119.30	\$4.83	\$124.13
1.4.3 Backup AC Power Cable - 90 Day Installation					
20 Amp, Single Phase - Initial Charge per Foot		\$6.43	\$7.70	\$0.31	\$8.01
20 Amp, Three Phase - Initial Charge per Foot		\$7.98	\$9.54	\$0.39	\$9.93
30 Amp, Single Phase - Initial Charge per Foot		\$6.94	\$8.30	\$0.34	\$8.63
30 Amp, Three Phase - Initial Charge per Foot		\$9.53	\$11.40	\$0.48	\$11.88
40 Amp, Single Phase - Initial Charge per Foot		\$8.16	\$9.76	\$0.40	\$10.15
40 Amp, Three Phase - Initial Charge per Foot		\$11.23	\$13.43	\$0.54	\$13.97
50 Amp, Single Phase - Initial Charge per Foot		\$9.68	\$11.58	\$0.47	\$12.04
50 Amp, Three Phase - Initial Charge per Foot		\$13.51	\$16.16	\$0.65	\$16.82
60 Amp, Single Phase - Initial Charge per Foot		\$10.94	\$13.09	\$0.53	\$13.62
60 Amp, Three Phase - Initial Charge per Foot		\$15.55	\$18.60	\$0.75	\$19.36
100 Amp, Single Phase - Initial Charge per Foot		\$13.55	\$16.21	\$0.66	\$16.86
100 Amp, Three Phase - Initial Charge per Foot		\$21.16	\$25.31	\$1.02	\$26.33
1.4.4 Backup AC Power Cable - Monthly Charges					
20 Amp, Single Phase per Foot per Month		\$0.0095	\$0.0113	\$0.0005	\$0.0118
20 Amp, Three Phase per Foot per Month		\$0.0118	\$0.0141	\$0.0006	\$0.0146
30 Amp, Single Phase per Foot per Month		\$0.0102	\$0.0122	\$0.0005	\$0.0127
30 Amp, Three Phase per Foot per Month		\$0.0140	\$0.0168	\$0.0007	\$0.0175
40 Amp, Single Phase per Foot per Month		\$0.0120	\$0.0144	\$0.0006	\$0.0150
40 Amp, Three Phase per Foot per Month		\$0.0185	\$0.0198	\$0.0008	\$0.0206
50 Amp, Single Phase per Foot per Month		\$0.0143	\$0.0171	\$0.0007	\$0.0177
50 Amp, Three Phase per Foot per Month		\$0.0199	\$0.0238	\$0.0010	\$0.0248
60 Amp, Single Phase per Foot per Month		\$0.0161	\$0.0193	\$0.0008	\$0.0201
60 Amp, Three Phase per Foot per Month		\$0.0229	\$0.0274	\$0.0011	\$0.0285
100 Amp, Single Phase per Foot per Month		\$0.0200	\$0.0239	\$0.0010	\$0.0248
100 Amp, Three Phase per Foot per Month		\$0.0312	\$0.0373	\$0.0015	\$0.0388
1.5 Security					
Access Card per Employee	\$9.79	\$0.87	\$0.81	\$0.03	\$0.84
Card Access Per Person per Office per Month	\$250.00	\$5.53	\$6.81	\$0.27	\$6.88
1.6 Central office Clock Synchronization					
C/O Clock Synchronization per Port	\$325.16	\$5.08	\$6.08	\$0.25	\$6.33
1.7 Interconnection Tie Pair					
DS0 Per Connection	\$58.32	\$0.79	\$0.94	\$0.04	\$0.98
DS1 Per Connection	\$66.31	\$1.04	\$1.24	\$0.05	\$1.29
DS3 Per Connection	\$784.37	\$12.26	\$14.67	\$0.59	\$15.26
Space Construction - General					
2 Cageless Collocation					
2.1 Space Construction					
2.1.1 Space Construction - 45 Day Installation					
2.1.2 Space Construction - 90 Day Installation					
Space Construction for 2 Bays and 1 - 40A Power Feed - 90 Day		\$27,042.56	\$32,348.31	\$1,310.11	\$33,658.41
Space Construction Adjustment for 20A Initial Power Feed - 90 Day		(\$1,893.16)	-\$2,264.60	-\$91.72	-\$2,356.32
Space Construction Adjustment for 30A Initial Power Feed - 90 Day		(\$1,208.21)	-\$1,445.26	-\$58.53	-\$1,503.79
Space Construction Adjustment for 60A Initial Power Feed - 90 Day		\$1,858.80	\$1,984.02	\$80.35	\$2,064.37
Space Construction Adjustment for Each Additional Bay - 90 Day		\$2,828.64	\$3,383.61	\$137.04	\$3,520.65
Space Construction Adjustment for Each Additional 20A Power Feed - 90 Day		\$4,806.29	\$5,749.28	\$232.85	\$6,982.13
Space Construction Adjustment for Each Additional 30A Power Feed - 90 Day		\$5,491.24	\$6,568.63	\$286.03	\$6,834.66
Space Construction Adjustment for Each Additional 40A Power Feed - 90 Day		\$6,699.45	\$8,013.88	\$324.56	\$8,338.44
Space Construction Adjustment for Each Additional 60A Power Feed - 90 Day		\$8,358.05	\$9,997.90	\$404.92	\$10,402.82
2.1.3 Space Monthly Charge					
Space Monthly Charge for 2 Bays and 1 - 40A Power Feed per Month		\$39.84	\$47.66	\$1.93	\$49.59

A. Detailed Summary of Results

Cost Element	Interconnection Services Collocation				
	Investment	Total Direct	TELRIC	Common	TELRIC + Common
	aB r1	aB r14	Total Direct X (1 + 0.1962)	TELRIC X 0.0405	aB r40
Space Monthly Charge Adjustment for 20A Initial Power Feed per Month		(\$2.79)	-\$3.34	-\$0.14	-\$3.47
Space Monthly Charge Adjustment for 30A Initial Power Feed per Month		(\$1.78)	-\$2.13	-\$0.09	-\$2.22
Space Monthly Charge Adjustment for 60A Initial Power Feed per Month		\$2.44	\$2.92	\$0.12	\$3.04
Space Monthly Charge Adjustment for Each Additional Bay per Month		\$4.17	\$4.99	\$0.20	\$5.19
Space Monthly Charge Adjustment for Each Additional 20A Power Feed per Month		\$7.08	\$8.47	\$0.34	\$8.81
Space Monthly Charge Adjustment for Each Additional 30A Power Feed per Month		\$8.09	\$9.68	\$0.39	\$10.07
Space Monthly Charge Adjustment for Each Additional 40A Power Feed per Month		\$9.87	\$11.81	\$0.48	\$12.29
Space Monthly Charge Adjustment for Each Additional 60A Power Feed per Month		\$12.31	\$14.73	\$0.60	\$15.33
2.2 Rent					
Rent per Square Foot	\$170.44	\$2,3845	\$2,8523	\$0,1155	\$2,9678
2.3 Quote Preparation Fee - Cageless Construction					
Quotation Preparation Fee		\$3,371.16	\$4,032.58	\$163.32	\$4,195.90
3 Caged Collocation					
3.1 Space Construction					
3.1.1 Space Construction - 90 Day Installation					
Cage-Up to 100 Sq Ft - 90 Day		\$45,109.40	\$53,959.88	\$2,185.37	\$56,145.24
Cage-101 Sq Ft to 200 Sq Ft - 90 Day		\$46,680.18	\$55,838.83	\$2,261.47	\$58,100.31
Cage-201 Sq Ft to 300 Sq Ft - 90 Day		\$47,901.66	\$57,299.98	\$2,320.65	\$59,620.61
Cage-301 Sq Ft to 400 Sq Ft - 90 Day		\$49,432.39	\$59,131.03	\$2,394.81	\$61,525.84
3.1.2 Initial Power Feed Adjustments - 90 Day					
Space Construction Adjustment for 20A Initial Power Feed - 90 Day		(\$7,341.39)	-\$8,781.77	-\$355.66	-\$9,137.43
Space Construction Adjustment for 30A Initial Power Feed - 90 Day		(\$6,683.70)	-\$7,895.05	-\$323.80	-\$8,318.85
Space Construction Adjustment for 40A Initial Power Feed - 90 Day		(\$5,308.72)	-\$6,350.29	-\$257.19	-\$6,607.47
Space Construction Adjustment for 100A Initial Power Feed - 90 Day		\$8,127.04	\$9,721.57	\$393.72	\$10,115.29
Space Construction Adjustment for 200A Initial Power Feed - 90 Day		\$25,945.46	\$31,035.08	\$1,256.96	\$32,292.92
Space Construction Adjustment for 300A Initial Power Feed - 90 Day		\$47,603.59	\$56,943.41	\$2,306.21	\$59,249.82
Space Construction Adjustment for 400A Initial Power Feed - 90 Day		\$73,217.98	\$87,583.35	\$3,547.13	\$91,130.47
3.1.3 Each Additional Power Feed Adjustments - 90 Day					
Space Construction Adjustment for Each Additional 20A Power Feed - 90 Day		\$6,062.88	\$7,252.40	\$293.72	\$7,546.12
Space Construction Adjustment for Each Additional 30A Power Feed - 90 Day		\$6,720.55	\$8,039.12	\$325.58	\$8,364.70
Space Construction Adjustment for Each Additional 40A Power Feed - 90 Day		\$8,095.54	\$9,683.88	\$392.20	\$10,076.08
Space Construction Adjustment for Each Additional 60A Power Feed - 90 Day		\$13,404.25	\$18,034.17	\$649.38	\$16,683.55
Space Construction Adjustment for Each Additional 100A Power Feed - 90 Day		\$21,531.29	\$25,755.73	\$1,043.11	\$26,798.84
Space Construction Adjustment for Each Additional 200A Power Feed - 90 Day		\$39,349.71	\$47,070.13	\$1,906.34	\$48,976.47
Space Construction Adjustment for Each Additional 300A Power Feed - 90 Day		\$61,007.84	\$72,977.58	\$2,955.59	\$75,933.17
Space Construction Adjustment for Each Additional 400A Power Feed - 90 Day		\$86,622.23	\$103,617.51	\$4,196.51	\$107,814.02
3.1.4 Space Monthly Charge					
Cage-Up to 100 Sq Ft Monthly Charge		\$66.46	\$79.50	\$3.22	\$82.72
Cage-101 Sq Ft to 200 Sq Ft Monthly Charge		\$68.78	\$82.27	\$3.33	\$85.60
Cage-201 Sq Ft to 300 Sq Ft Monthly Charge		\$70.58	\$84.43	\$3.42	\$87.84
Cage-301 Sq Ft to 400 Sq Ft Monthly Charge		\$72.83	\$87.12	\$3.53	\$90.65
3.1.5 Initial Power Feed Monthly Charge Adjustments					
Space Monthly Charge Adjustment for 20A Initial Power Feed		(\$10.82)	-\$12.94	-\$0.52	-\$13.46
Space Monthly Charge Adjustment for 30A Initial Power Feed		(\$9.85)	-\$11.78	-\$0.48	-\$12.26
Space Monthly Charge Adjustment for 40A Initial Power Feed		(\$7.82)	-\$9.36	-\$0.38	-\$9.74
Space Monthly Charge Adjustment for 100A Initial Power Feed		\$11.97	\$14.32	\$0.58	\$14.90
Space Monthly Charge Adjustment for 200A Initial Power Feed		\$38.23	\$45.73	\$1.85	\$47.58
Space Monthly Charge Adjustment for 300A Initial Power Feed		\$70.14	\$83.90	\$3.40	\$87.30
Space Monthly Charge Adjustment for 400A Initial Power Feed		\$107.88	\$129.04	\$5.23	\$134.27
3.1.6 Each Additional Power Feed Monthly Charge Adjustments					
Space Monthly Charge Adjustment for Each Additional 20A Power Feed		\$8.93	\$10.69	\$0.43	\$11.12
Space Monthly Charge Adjustment for Each Additional 30A Power Feed		\$9.90	\$11.84	\$0.48	\$12.32
Space Monthly Charge Adjustment for Each Additional 40A Power Feed		\$11.93	\$14.27	\$0.58	\$14.85
Space Monthly Charge Adjustment for Each Additional 60A Power Feed		\$19.75	\$23.62	\$0.96	\$24.58
Space Monthly Charge Adjustment for Each Additional 100A Power Feed		\$31.72	\$37.95	\$1.54	\$39.49
Space Monthly Charge Adjustment for Each Additional 200A Power Feed		\$57.98	\$69.35	\$2.81	\$72.16
Space Monthly Charge Adjustment for Each Additional 300A Power Feed		\$89.89	\$107.52	\$4.35	\$111.88
Space Monthly Charge Adjustment for Each Additional 400A Power Feed		\$127.83	\$152.67	\$6.18	\$158.85
3.2 Grounding					
Grounding - 90 Day Installation					
#2 AWG per Foot - 90 Day		\$10.85	\$13.10	\$0.53	\$13.63
1/0 AWG per Foot - 90 Day		\$18.23	\$21.80	\$0.88	\$22.68
4/0 AWG per Foot - 90 Day		\$20.71	\$24.77	\$1.00	\$25.78
350 KCMIL per Foot - 90 Day		\$28.73	\$34.37	\$1.39	\$35.76

A. Detailed Summary of Results

Interconnection Services
Collocation

Cost Element	Investment	Total Direct	TELRIC		TELRIC + Common
			Total Direct X (1 + 0.1962)	Common TELRIC X 0.0405	Common
	sB r1	sB r14			sB r40
500 KCMIL per Foot - 90 Day		\$32.02	\$38.30	\$1.55	\$39.85
750 KCMIL per Foot - 90 Day		\$49.05	\$58.67	\$2.38	\$61.05
Grounding - Monthly Charge					
#2 AWG per Foot Monthly Charge		\$0.0181	\$0.0193	\$0.0008	\$0.0201
1/0 AWG per Foot Monthly Charge		\$0.0289	\$0.0321	\$0.0013	\$0.0334
4/0 AWG per Foot Monthly Charge		\$0.0305	\$0.0365	\$0.0015	\$0.0380
350 KCMIL per Foot Monthly Charge		\$0.0423	\$0.0506	\$0.0021	\$0.0527
500 KCMIL per Foot Monthly Charge		\$0.0472	\$0.0564	\$0.0023	\$0.0587
750 KCMIL per Foot Monthly Charge		\$0.0723	\$0.0865	\$0.0035	\$0.0900
3.3 Rent					
Rent per Square Foot	\$170.44	\$2.38	\$2.85	\$0.12	\$2.97
3.4 Quote Preparation Fee - Caged Construction					
Quotation Preparation Fee - Caged Construction		\$3,664.65	\$4,383.65	\$177.54	\$4,561.19
4 Virtual Collocation					
4.1 Equipment Bay					
Equipment Bay per Shelf	\$171.42	\$2.68	\$3.21	\$0.13	\$3.33
4.2 Labor					
Maintenance - Regular Business Hours Per 1/2 Hour		\$22.55	\$26.97	\$1.09	\$28.07
Maintenance - Outside Regular Business Hours Per 1/2 Hour		\$30.17	\$36.09	\$1.46	\$37.55
Training - Regular Business Hours Per 1/2 Hour		\$22.55	\$26.97	\$1.09	\$28.07
Inspector - Regular Business Hours Per 1/2 Hour		\$25.71	\$30.75	\$1.25	\$32.00
Inspector - Outside Regular Business Hours Per 1/2 Hour		\$33.11	\$39.60	\$1.60	\$41.20
Installation - Regular Business Hours Per 1/2 Hour		\$25.71	\$30.75	\$1.25	\$32.00
Installation - Outside Regular Business Hours Per 1/2 Hour		\$33.11	\$39.60	\$1.60	\$41.20
Engineering - Regular Business Hours Per 1/2 Hour		\$24.33	\$29.10	\$1.18	\$30.28
Engineering - Outside Regular Business Hours Per 1/2 Hour		\$31.41	\$37.57	\$1.52	\$39.09
4.3 Quote Preparation Fee - Virtual					
Quotation Preparation Fee - Virtual		\$3,371.16	\$4,032.58	\$163.32	\$4,195.90

A. Detailed Summary of Results

Cell: A2

Comment: This spreadsheet is a summary of the costs calculated in Section B.

Cell: A9

Comment: 1.1 Terminations

Nonrecurring One Time Charge

Terminations are the network connections between the CLEC equipment and the USWEST network. These connections can be at a DS0, DS1 or DS3 level. The CLEC requires these elements to connect their equipment to the unbundled elements they are purchasing from USWEST. For example, an unbundled loop purchased by a CLEC will terminate on USWEST's network. The CLEC needs to have facilities to connect this unbundled loop to the equipment in their collocation space. Terminations are the cables and blocks that are used to make this connection. The termination costs are broken into four components:

1. The cables which are used to make the connection;
2. The blocks and panels needed to terminate the cables on the USWEST network;
3. The cost of placing the cable in the cable racks; and
4. The cost of placing the panels and blocks on the intermediate distribution frame.

Each of these components is broken out separately to allow the CLEC the opportunity to self-provision portions of these connections. If a CLEC prefers to supply its own cable or blocks, the rate for cable or blocks would not be assessed. However, the placement rates would still apply if USWEST places the blocks and the cable. Terminations end at a CLEC's equipment and are therefore dedicated to providing that CLEC service. All these costs are incurred solely for the collocator and will be recovered through a one-time charge based on the number of terminations, which are ordered. Terminations can be ordered on an individual basis or in quantities of 100 pairs for DS0's and 28 pairs for DS1's. The cost for bundles of cables represents the economies of 100 percent utilization of the placed facilities.

The nonrecurring cost does not include the cost of a dedicated frame (SPOT Frame), the cost of regenerating the signal to provide a higher grade of service, a direct connection to the COSMIC frame or other special configurations that may be requested by the carrier. Carriers requesting unique configurations for terminating their services to their collocation space will be charged on a case by case basis based on the actual cost of building the unique configuration.

Recurring Monthly Charge

There is also a small monthly recurring charge for maintaining these connections.

Cell: A10

Comment: 45-day installation is available only as required under contract provisions or in states where required by law.

Cell: A83

Comment: 1.2 Entrance Facility

Nonrecurring One Time Charge

Entrance facility is the connection between the CLEC cable outside the office and the CLEC facilities within the office. The costs include the manhole where the CLEC cable enters USWEST's facilities, the conduit between the manhole and the Central Office, the cable running from the manhole to the CLEC space and the structure, such as cable racking, used to support the cables. The placement costs for all the cable and equipment is also included. The cost is on a per fiber basis and must be ordered in quantities of 12 (the number of fibers in the standard cable). To place these cables the company has, in some instances, had to place new cable racking and new manholes to accommodate the CLEC's cable. The nonrecurring costs reflect the fact that a certain percentage of the time new facilities are required. These costs, when they are incurred, are spread over the number of CLEC's that are anticipated to use the facilities. The cable is also included in the nonrecurring charge since it is dedicated solely to the use of the requesting CLEC.

Recurring Monthly Charge

There is also a small recurring monthly charge for the cost using existing cable racking and other cable support facilities and the cost of maintaining all of the facilities used to provide this service to the CLEC.

Cell: A93

Comment: 1.3 Fiber Cable Splicing

The Fiber Cable Splicing elements represent the labor and equipment to perform a splice.

-The "Per Setup" element includes the labor required for an outside plant technician to perform all necessary tasks prior to the actual splicing and to install the splice case.

-The "Per Splice" element covers the labor to splice and test each fiber to each side of the splice case.

Cell: A97

Comment: 1.4 Power Usage

Recurring Monthly Charge

There are recurring monthly charges for power usage. Power usage includes the cost of purchasing power from the electric company and the cost of the power plant. Power usage is broken down into three rates:

1. A rate for the use of the power plant that is charged based on the size of the power feed of feeds that the CLEC orders;
2. A flat monthly power usage rate for each type of power feed that is smaller than 100 AMPs; and
3. A per AMP rate for power usage that is delivered on power feeds that are larger than 80 AMPs.

The power plant consists of the backup power generator, rectifiers, power boards, battery distribution frame boards (BDFB's), batteries and the cable and support structure that connects all these components. The power plant generates and stores power for use during potential outages converts standard AC power to the DC power used by telecommunications equipment and distributes the power to those areas of the central office where the power is to be used. The monthly charge reflects the capital and maintenance costs associated with maintaining this system. The monthly charge is based on the size of the power feed requested by the CLEC.

The usage charge for power consists of the cost of purchasing AC power from an external company. This charge will vary by actual amount of power used by a CLEC during a given period. Unfortunately for power feeds of less than 100 AMPs USWEST does not have the equipment at the BDFB to measure actual power usage. The cost of placing such measurement equipment would far exceed any benefits that could be obtained and would need to be recovered

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through an additional charge to the CLECs. For this reason, USWEST adopted an assumption that power usage on CLEC power feeds of less than 100 AMPs should be assumed to be 50 % of the actual capacity of the feed. For power cable of 100 AMPs or more the measurement capabilities currently exists so the charge for power will be based on actual usage.

Cell: A136**Comment: 1.5 Security**

Provides for the security systems (e.g., card readers, identification cards, etc.) at USW wire centers so carriers can have access to their collocation space.

Cell: A140**Comment: 1.6 Composite Clock/CO Synchronization**

This element provides Composite Clock and/or DS1 Synchronization signals traceable to a Stratum 1 source. The interconnector must determine the IDE synchronization requirements and notify US WEST of these requirements when ordering the clock signals. The Composite Clock signal is a 64 kHz, nominal 5/8 duty cycle, bipolar return-to-zero signal with a bipolar violation every eighth pulse. The DS1 Clock signal is a framed, all-ones, 1.544 Mb/s (DS1) signal using the superframe frame format and the Alternate Mark Inversion line code. CO Synchronization is required for VEIC Service involving digital services or connections. Synchronization may be required for analog services, depending on the IDE involved. CO Synchronization is available where US WEST wire centers are equipped with Building Integrated Timing Supply (BITS).

Cell: A143**Comment: 1.7 Interconnection Tie Pairs (ITP) Recurring Monthly Charge**

Interconnection Tie Pairs are the connection between the shared frame, where the terminations are tied, and the COSMIC frame. The cost of the ITP includes blocks on the shared frame, the shared frame, connections to the COSMIC frame and the cable and cable racking running between the shared frame and the COSMIC frame. The cost of placing all these facilities is also included in the overall costs. ITP's are part of the existing integrated USWEST network. Since these facilities will in most instances already exist and can be shared amongst various CLEC's and USWEST, the costs will be recovered through a monthly recurring charge based on the number of connections being used by any one CLEC during the period.

Cell: A148**Comment: Space Construction - General Nonrecurring One Time Charge**

At the request of CLECs, USWEST is offering a standard price for space construction. There are separate prices for standard caged and cageless collocation configurations. The standard costs for both cageless and caged collocation includes:

1. The costs for a single power feed;
2. The cost of new overhead structure to support cable racking and CLEC collocated equipment;
3. The cost of new cable racking required to carry the CLEC's power cable and terminations to the existing cable racking network;
4. The average cost of any new lighting that may be required to illuminate the CLEC's space;
5. The cost of engineering the collocation job; and
6. Additions to the cooling system (i.e. HVAC) and electromechanical system to extend the network to get incidental power and cooling to the CLECs collocation area.

The above costs although not identical for each type of collocation, are common to both caged and cageless collocation. The cost for common structure, such as cable racking, lighting and Aerial support structure, is prorated between anticipated number of carriers that will be sharing the use of the structure. Facilities that are dedicated for the sole use of an individual CLEC, such as power cable, are assigned directly to that CLEC's job. The standard costs reflect the most opted for configurations. Adjustment factors for costs for requested variations to the standard configurations are also identified for those companies seeking a different space design.

The engineering component of the standard configuration for both caged and cageless collocation includes all preliminary engineering costs that were incurred as a result of preparing the original quote. In some contracts there is a separate charge for this preliminary engineering that is assessed to the CLEC at the time that the quote is initiated. To the extent that the CLEC has paid a quote preparation fee that is nonrefundable and therefore retained by USWEST, the amount of that fee that is retained should be deducted from the standard space construction charge in determining the additional amount that that CLEC still owes to the company.

Cell: A150**Comment: 2.1 Space Construction-Cageless collocation Standard Space Construction Charge**

In addition to the facilities listed under Space Construction - General, the standard cageless collocation space construction charge includes the ground cable for the CLEC's equipment. It also includes one standard 40 AMP power feed and a space adequate to insert two standard bays. The standard cost does not include the cost of the actual bays in which the CLEC places its equipment. These bays are self-provisioned by the CLEC. The standard space construction charge for cageless collocation varies between states based on whether they are located in an earthquake prone zone. Additional structural support is required in states with a high risk of damage from earthquakes (i.e. Washington, Oregon, Utah, Arizona, Idaho, Wyoming and Montana). Two standard rates are calculated for cageless collocation to reflect these differences.

Some contracts contain provisions for constructing cageless collocation spaces within a 45-day time frame. This time frame is significantly less than the standard 90-day timeframe generally offered by the company. A forty-five day time frame eliminates many of the options the company has to reasonably forecast and plan for the additional workload. This results in an increase in the cost of the cost of constructing the facilities. To reflect this difference in cost in meeting these expedited timeframes a separate cageless collocation cost has been developed for these 45-day jobs. The CLEC also has the option of requesting a standard 90 day construction interval at a lower standard cost.

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Comment: 45-day installation is available only as required under contract provisions or in states where required by law.

Cell: A163

Comment: Power Feed-Variations to the Standard 40 AMP Feed Design

The standard cageless collocation rate includes the provisioning of one 40 AMP power feed. A CLEC can request a power feed to their cageless collocation space at 20, 30, 40 or 60 AMPS. USWEST has calculated cost based adjustments to the standard design price to facilitate pricing for power feed orders that vary from the standard 40 AMP design. For CLECs that order a 20 or 30 AMP cable the standard price is reduced to reflect the lower cost of these power feeds. The ordering of a 60 AMP cable would increase the standard space construction charge. These cost based adjustments to the standard design are included in the price list.

Cell: A166

Comment: Additional Bays

A CLEC also has the option of requesting space for additional bays. A cost for additional bays is included in the price list. This cost is based on a proration of the portion of the support structure; cable racking, lighting and grounding facilities needed to support the collocation area.

Cell: A167

Comment: Power Feed-Additional

Nonrecurring One Time Charge

This charge is for the DC power cable feeds from the CLEC equipment to the Battery Distribution Frame Board (i.e. BDFB) or Power Board, where the cable terminates. The power cable element included costs for the cables and the lugs, fuses and Htaps required to connect the cables to the power network. All costs of installing the cables are also included in the costs. These cables are attached directly to the CLEC's equipment and are dedicated exclusively for the use of the CLEC. One feed element consists of an A and B or original and backup feed. Each feed consists of two cables, four for the combined A & B feed. Power feeds can be purchased in the following sizes for the various types of collocation:

Size of Power Feed Type of Collocation

20 AMP Available for all types of Collocation
 30 AMP Available for all types of Collocation
 40 AMP Available for all types of Collocation
 60 AMP Available for all types of Collocation
 100 AMP Available for cage collocation only
 200 AMP Available for cage collocation only
 300 AMP Available for cage collocation only
 400 AMP Available for cage collocation only

The costs for power feeds varies between the types of collocation (i. e. caged and cageless) due to the differences in the average distance between the CLEC space and the BDFB or power board. Power cables of 100 AMPs or greater are only available with caged collocation.

It should be noted that the initial power feed to a CLEC space is included in the initial space construction charge. The flat cageless collocation charge includes the cost of one 40 AMP cable. The flat Caged collocation costs includes the cost of one 60 AMP cable. There are also adjustments to the standard flat collocation space construction charge for CLECs that desire a power feed that varies from the standards identified above. The separate power feed charges only apply to the second and subsequent power feeds to the CLEC collocation space.

Recurring Monthly Charge

There is also a small recurring charge for the maintenance of the power feeds.

Cell: A182

Comment: 1.7.9 Space Rent

The monthly rent for the leased physical space, without -48 Volt DC Power. The base rent rate element includes one 110 AC, 15 AMP electrical outlet provided in accordance with local codes and may not be used to power transmission equipment or -48 Volt D

Cell: A186

Comment: 1.7.1 Quotation Preparation Fee

The non-recurring cost for preparing a price quotation to a collocator for collocation

Cell: A189

Comment: Space Construction-Caged collocation

3.1 Standard Space Construction Charge

In addition to the facilities listed under Space Construction - General, the standard cageless collocation space construction charge includes the cost of constructing the cage. Cages are offered in standard 100, 200, 300 and 400 square feet increments. Nonstandard cage designs will be charged at the next highest increment. The standard caged collocation rate also includes the provisioning of one standard 60 AMP power feed. In caged collocation the grounding cable is offered as a separate element so the cost of the ground cable is not included in the standard price. As discussed below, a CLEC has the option of ordering large power feeds for their caged collocation area. The larger power feeds the greater the size of the facilities required to ground the equipment. To accommodate these variances in the size of the ground wire that is required, a separate grounding element has been developed for caged collocation builds.

Cell: A195

Comment: Power Feed-Variations to the Standard 60 AMP Feed Design

The standard caged collocation rate includes the provisioning of one 60 AMP power feed. A CLEC can request a power feed to their caged collocation space at 20, 30, 40, 60, 100, 200, 300 and 400 AMPS. USWEST has calculated cost based adjustments to the standard design price to facilitate pricing for power feed orders that vary from the standard 40 AMP design. For CLECs that order a 20, 30 or 40 AMP power feeds the standard price is reduced to reflect the

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lower cost of these power feeds. The ordering of 100, 200, 300, and 400 AMP power feeds would increase the standard space construction charge. These cost based adjustments to the standard design are included in the price list.

Cell: A235

Comment: 3.2 Grounding

Extends the building DC ground from the grounding plane of the central office to the CLEC's space.

Cell: A258

Comment: 4.1 Equipment Bay/Shelf

The Equipment Bay provides mounting space for the interconnector-designated shelves and fuse panel. Each Bay includes the 7 foot bay, its installation and all necessary environmental supports (e.g., floor space, heat and lighting). Mounting space on the bay, including space for the fuse panel and air gaps necessary for heat dissipation, is limited to 78 inches. Physical dimensions of the equipment bay are 84 inches high by 28 inches wide by 12 inches deep. Each bay is capable of providing space for six shelves. This element is for space for one shelf on the equipment bay.

Cell: A261

Comment: 4.2 Labor

- Equipment (Installation, Change, or Removal) - Labor - Equipment Labor is a charge associated with the installation, change or removal (i.e., discontinuance) of equipment. The Equipment Labor is a nonrecurring element based on the one half hour (1/2) during normal business hours or one half hour (1/2) outside normal business hours, as applicable.

- Equipment Maintenance - Labor - The Equipment Maintenance Labor rate element provides for the labor necessary to repair out-of-service and/or service-affecting conditions and preventative maintenance of the equipment as specified by the interconnector. The interconnector is responsible for ordering maintenance spares. USWC will perform maintenance and/or repair work upon receipt of the replacement maintenance spare and/or equipment from the applicable interconnector. The equipment maintenance labor charge is a nonrecurring charge assessed per one half hour (1/2) or fraction thereof, per technician, during normal business hours or per one half hour (1/2) or fraction thereof, per technician, outside normal business hours, as applicable. A call-out of a maintenance technician outside normal business hours is subject to a minimum charge of four (4) hours. If the technician is required beyond the four hour minimum, the remaining time will be billed at the half-hour increment charge.

- Training - The Training element provides for the billing of vendor-provided training for USWC personnel, on a metropolitan service area basis, necessary for interconnector-designated equipment (IDE) which is different from the USWC-provided equipment. USWC will require that three people be trained per metropolitan service area affected by the particular IDE. Within five business days of receiving the interconnector's request for service, USWC will inform the interconnector of the number of employees requiring training. If, by an act of USWC, the employees that have been trained are relocated, retired or are no longer available, USWC will not require an interconnector to provide training for any new employees for the same IDE.

The Training element will only apply as required and will be determined utilizing two elements: the first will be the actual number of hours that the employee(s) is in training and the second is the actual training charges direct billed to USWC (a copy of the invoice for the training course will be provided to the interconnector with the bill). The number of hours that the employee(s) is in training will be multiplied by the Labor rate element. The direct-billed training expenses will be billed to the interconnector in one half hour increments. The total direct-billed training expenses will be divided by the training element. The result of the division will be rounded to the nearest one-half hour increment.