

ACCESS LINES PRICING

See Section 3.16.1, Access Lines Pricing for detailed instructions on how to complete OFFER Form Pages.

YEARS 1 & 2

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Unit Price</u>	x	<u>Estimated Quantity</u>	=	<u>Total Monthly Bid Price</u>	<u>Taxes/Surcharges</u>
Analog Line (single line, fax, modem)							
Centrex Access Line Charge, line	AL-1	\$10.05		21,286		\$213,924.30	PUC; HIS; SLC; FUSF
Statewide 5-digit Dialing and Interisland Toll Free Dialing, line	AL-3	\$0.85		21,286		\$18,093.10	PUC; HIS
Multiline							
Centrex Access Line Charge, line	AL-2	\$11.05		3,781		\$41,780.05	PUC; HIS; SLC; FUSF
Statewide 5-digit Dialing and Interisland Toll Free Dialing, line	AL-3	\$0.85		3,781		\$3,213.85	PUC; HIS
Additional Soft Number (Multiline), ea	AL-4	\$0.00		498		\$0.00	PUC; HIS
Optional Line Features							
Call Screening, line	AL-5	\$0.00		1		\$0.00	PUC; HIS
Additional Network Access Register (NAR), ea	AL-6	\$5.39		1		\$5.39	PUC; HIS; ESS; TRS
ACD							
Multi-line and Analog ACD							
Enhanced ACD Group and Group Features, ea	AL-7	\$70.00		27		\$1,890.00	PUC; HIS
ACD Analog Station Features (agent or supervisor), line*	AL-8	\$13.00		109		\$1,417.00	PUC; HIS
ACD Multiline Station Features (agent or supervisor), line*	AL-9	\$13.00		223		\$2,899.00	PUC; HIS
Call Center Manager (Call Mgr)							
Call Center Manager MIS Link (First Group), ea	AL-10	\$235.00		3		\$705.00	PUC; HIS
Call Center Manager MIS Link (2nd & Subsequent Groups), ea	AL-11	\$10.00		14		\$140.00	PUC; HIS
ISDN BRI (Multi-line - Voice Only) Line							
ISDN BRI Centrex Line, line	AL-12	\$30.00		50		\$1,500.00	PUC; HIS; ESS; TRS; SLC; FUSF
Statewide 5-digit Dialing and Interisland Toll Free Dialing, channel	AL-3	\$0.85		100		\$85.00	PUC; HIS

line* - AL-8 is in addition to AL-1 for analog lines and AL-9 is in addition to AL-2 for multiline lines

ACCESS LINES PRICING (CONTINUED)

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Unit Price</u>	<u>Estimated Quantity</u>	<u>Total Monthly Bid Price</u>	<u>Taxes/Surcharges</u>
ISDN BRI Voice and Circuit Switched Data (CSD) Line					
ISDN BRI Alternating Voice and CSD Line, line	AL-13	\$30.00	30	\$900.00	PUC; HIS; ESS; TRS; SLC; FUSF
ISDN BRI Circuit Switched Data Usage, peak, first minute	AL-14a	\$0.05	1	\$0.05	PUC; HIS
ISDN BRI Circuit Switched Data Usage, peak, additional minute	AL-14b	\$0.01	1	\$0.01	PUC; HIS
ISDN BRI Circuit Switched Data Usage, evening, first minute	AL-14c	\$0.0325	1	\$0.03	PUC; HIS
ISDN BRI Circuit Switched Data Usage, evening, additional minute	AL-14d	\$0.0065	1	\$0.01	PUC; HIS
ISDN BRI Circuit Switched Data Usage, night, first minute	AL-14e	\$0.02	1	\$0.02	PUC; HIS
ISDN BRI Circuit Switched Data Usage, night, additional minute	AL-14f	\$0.0040	1	\$0.01	PUC; HIS
ISDN PRI Video and Dialup Line					
ISDN PRI Line with DS-1 Access, line	AL-15	\$400.00	1	\$400.00	PUC; HIS; ESS; TRS; SLC; FUSF
ISDN PRI Line without DS-1 Access, line	AL-16	\$275.00	1	\$275.00	PUC; HIS;
ISDN PRI Circuit Switched Data Usage, peak, first minute	AL-17a	\$0.05	1	\$0.05	PUC; HIS
ISDN PRI Circuit Switched Data Usage, peak, additional minute	AL-17b	\$0.01	1	\$0.01	PUC; HIS
ISDN PRI Circuit Switched Data Usage, evening, first minute	AL-17c	\$0.0325	1	\$0.03	PUC; HIS
ISDN PRI Circuit Switched Data Usage, evening, additional minute	AL-17d	\$0.0065	1	\$0.01	PUC; HIS
ISDN PRI Circuit Switched Data Usage, night, first minute	AL-17e	\$0.02	1	\$0.02	PUC; HIS
ISDN PRI Circuit Switched Data Usage, night, additional minute	AL-17f	\$0.0040	1	\$0.01	PUC; HIS
ISDN PRI Additional DID Number, ea	AL-18	\$0.25	1	\$0.25	PUC; HIS

ACCESS LINES PRICING (CONTINUED)

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Unit Price</u>	x	<u>Estimated Quantity</u>	=	<u>Total Monthly Bid Price</u>	<u>Taxes/Surcharges</u>
DSL							
DSL Line with Hawaiian Telcom Online Internet Access, line	AL-19 *	\$59.99		30		\$1,799.70	GET
DSL Line - Transport Only, line	AL-20 *	\$39.99		30		\$1,199.70	GET
* Note: HT will extend to the State any HT promotional offering available at the time service is ordered.							
Voice Mail							
Voice Mail Service Charge, Mailbox	AL-21a	\$4.95		7,000		\$34,650.00	GET
Voice Mail Answer Only Service Charge, Mailbox	AL-21b	\$9.95		50		\$497.50	GET
Voice Mail Message Waiting Lamp Charge, telset	AL-21c	\$0.00		700		\$0.00	GET
Voice Mail Extension Mailbox (First), ea	AL-21d	\$19.95		20		\$399.00	GET
Voice Mail Extension Mailbox (Additional), ea	AL-21e	\$5.00		100		\$500.00	GET
Wire Maintenance							
Wire Maintenance Charge, Access Line	AL-22	\$2.00		4,000		\$8,000.00	GET
Sub-Total: Access Lines						<u>\$334,274.10</u>	

ACCESS LINES PRICING (CONTINUED)

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Unit Price</u>	<u>x</u>	<u>Estimated Quantity</u>	<u>=</u>	<u>Total Monthly Bid Price</u>
Regulatory Fees/Charges and Taxes (by line)						
Interstate Subscriber Line Charge (Centrex)	SLC	\$8.15		25,067		\$204,296.05 GET
Interstate Subscriber Line Charge (ISDN BRI)	SLC	\$8.15		80		\$652.00 GET
Interstate Subscriber Line Charge (ISDN PRI)	SLC	\$40.75		1		\$40.75 GET
Federal Universal Service Fee (Centrex 1 THRU 9 LINES)	FUSF	\$1.42		6,300		\$8,946.00
Federal Universal Service Fee (Centrex 10 AND OVER LINES)	FUSF	\$0.16		5,000		\$800.00
Federal Universal Service Fee (ISDN BRI)	FUSF	\$1.44		80		\$115.20
Federal Universal Service Fee (ISDN PRI)	FUSF	\$8.78		1		\$8.78
Statewide Emergency Service Surcharge (E911)	ESS	\$0.27		82		\$22.14
Telecommunications Relay Service Surcharge	TRS	\$0.04		81		\$3.24
Telecommunications Relay Service Surcharge (ISDN PRI)	TRS	\$0.20		1		\$0.20
Sub-Total: Regulatory Fees/Charges and Taxes (by line)						<u>\$214,884.36</u>

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Rate</u>	<u>x</u>	<u>Sub-Total: Access Lines \$s or Revised Sub-Total: \$s</u>	<u>=</u>	<u>Total Monthly Bid Price</u>
Regulatory Fees/Charges and Taxes (by dollar amount)						
PUC Fee	PUC	0.0025		\$287,228.20		\$718.07
Hawaii General Excise Tax for Voicemail & Wire Maintenance	GET	0.04712		\$44,046.50		\$2,075.47
Hawaii General Excise Tax for SLC	GET	0.04712		\$204,988.80		\$9,659.07
Hawaii General Excise Tax for DSL	GET	0.04166		\$2,999.40		\$124.96
Others	HIS	0.1123		\$287,228.20		\$32,255.73
Sub-Total: Regulatory Fees/Charges and Taxes (by dollar amount)						<u>\$44,833.30</u>
Total: Access Lines - YEARS 1 & 2						<u>\$593,991.76</u>

ACCESS LINES PRICING

See Section 3.16.1, Access Lines Pricing for detailed instructions on how to complete OFFER Form Pages.

YEAR 3

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Unit Price</u>	x	<u>Estimated Quantity</u>	=	<u>Total Monthly Bid Price</u>	<u>Taxes/Surcharges</u>	
Analog Line (single line, fax, modem)								
Centrex Access Line Charge, line	AL-1	\$11.05		21,286		\$235,210.30	PUC; HIS; SLC; FUSF	
Multiline								
Centrex Access Line Charge, line	AL-2	\$12.05		3,781		\$45,561.05	PUC; HIS; SLC; FUSF	
Sub-Total: Year 3 AL-1 & AL-2 Increase							\$280,771.35	
Year 1 & 2 Sub-Total Access Lines Pricing				\$334,274.10				
Less Year 1 & 2 AL-1 & AL-2				-\$255,704.35				
Sub-Total: Year 1 & 2 Less AL-1 & AL-2							\$78,569.75	
Sub-Total: Year 3 with Adjusted AL-1 & AL-2							<u>\$359,341.10</u>	

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Unit Price</u>	x	<u>Estimated Quantity</u>	=	<u>Total Monthly Bid Price</u>		
Regulatory Fees/Charges and Taxes (by line)								
Interstate Subscriber Line Charge (Centrex)	SLC	\$8.15		25,067		\$204,296.05	GET	
Interstate Subscriber Line Charge (ISDN BRI)	SLC	\$8.15		80		\$652.00	GET	
Interstate Subscriber Line Charge (ISDN PRI)	SLC	\$40.75		1		\$40.75	GET	
Federal Universal Service Fee (Centrex 1 THRU 9 LINES)	FUSF	\$1.42		6,300		\$8,946.00		
Federal Universal Service Fee (Centrex 10 AND OVER LINES)	FUSF	\$0.16		5,000		\$800.00		
Federal Universal Service Fee (ISDN BRI)	FUSF	\$1.44		80		\$115.20		
Federal Universal Service Fee (ISDN PRI)	FUSF	\$8.78		1		\$8.78		
Statewide Emergency Service Surcharge (E911)	ESS	\$0.27		82		\$22.14		
Telecommunications Relay Service Surcharge	TRS	\$0.04		81		\$3.24		
Telecommunications Relay Service Surcharge (ISDN PRI)	TRS	\$0.20		1		\$0.20		
Sub-Total: Regulatory Fees/Charges and Taxes (by line)							<u>\$214,884.36</u>	

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Rate</u>	x	<u>Sub-Total: Access Lines \$s or Revised Sub-Total: \$s</u>	=	<u>Total Monthly Bid Price</u>	
Regulatory Fees/Charges and Taxes (by dollar amount)							
PUC Fee	PUC	0.0025		\$312,295.20		\$780.74	
Hawaii General Excise Tax for Voicemail & Wire Maintenance	GET	0.04712		\$44,046.50		\$2,075.47	
Hawaii General Excise Tax for SLC	GET	0.04712		\$204,988.80		\$9,659.07	
Hawaii General Excise Tax for DSL	GET	0.04166		\$2,999.40		\$124.96	
Others	HIS	0.1123		\$312,295.20		\$35,070.75	
Sub-Total: Regulatory Fees/Charges and Taxes (by dollar amount)							<u>\$47,710.99</u>
Total: Access Lines - YEAR 3							<u>\$621,936.45</u>

ACCESS LINES PRICING

See Section 3.16.1, Access Lines Pricing for detailed instructions on how to complete OFFER Form Pages.

YEAR 4

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Unit Price</u>	x	<u>Estimated Quantity</u>	=	<u>Total Monthly Bid Price</u>	<u>Taxes/Surcharges</u>
Analog Line (single line, fax, modem)							
Centrex Access Line Charge, line	AL-1	\$12.05		21,286		\$256,496.30	PUC; HIS; SLC; FUSF
Multiline							
Centrex Access Line Charge, line	AL-2	\$13.05		3,781		\$49,342.05	PUC; HIS; SLC; FUSF
Sub-Total: Year 4 AL-1 & AL-2 Increase						\$305,838.35	
Year 1 & 2 Sub-Total Access Lines Pricing				\$334,274.10			
Less Year 1 & 2 AL-1 & AL-2				-\$255,704.35			
Sub-Total: Year 1 & 2 Less AL-1 & AL-2						\$78,569.75	
Sub-Total: Year 4 with Adjusted AL-1 & AL-2						<u>\$384,408.10</u>	

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Unit Price</u>	x	<u>Estimated Quantity</u>	=	<u>Total Monthly Bid Price</u>	
Regulatory Fees/Charges and Taxes (by line)							
Interstate Subscriber Line Charge (Centrex)	SLC	\$8.15		25,067		\$204,296.05	GET
Interstate Subscriber Line Charge (ISDN BRI)	SLC	\$8.15		80		\$652.00	GET
Interstate Subscriber Line Charge (ISDN PRI)	SLC	\$40.75		1		\$40.75	GET
Federal Universal Service Fee (Centrex 1 THRU 9 LINES)	FUSF	\$1.42		6,300		\$8,946.00	
Federal Universal Service Fee (Centrex 10 AND OVER LINES)	FUSF	\$0.16		5,000		\$800.00	
Federal Universal Service Fee (ISDN BRI)	FUSF	\$1.44		80		\$115.20	
Federal Universal Service Fee (ISDN PRI)	FUSF	\$8.78		1		\$8.78	
Statewide Emergency Service Surcharge (E911)	ESS	\$0.27		82		\$22.14	
Telecommunications Relay Service Surcharge	TRS	\$0.04		81		\$3.24	
Telecommunications Relay Service Surcharge (ISDN PRI)	TRS	\$0.20		1		\$0.20	
Sub-Total: Regulatory Fees/Charges and Taxes (by line)						<u>\$214,884.36</u>	

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Rate</u>	x	<u>Sub-Total: Access Lines \$s or Revised Sub-Total: \$s</u>	=	<u>Total Monthly Bid Price</u>
Regulatory Fees/Charges and Taxes (by dollar amount)						
PUC Fee	PUC	0.0025		\$337,362.20		\$843.41
Hawaii General Excise Tax for Voicemail & Wire Maintenance	GET	0.04712		\$44,046.50		\$2,075.47
Hawaii General Excise Tax for SLC	GET	0.04712		\$204,988.80		\$9,659.07
Hawaii General Excise Tax for DSL	GET	0.04166		\$2,999.40		\$124.96
Others	HIS	0.1129		\$337,362.20		\$37,885.78
Sub-Total: Regulatory Fees/Charges and Taxes (by dollar amount)						<u>\$50,588.69</u>
Total: Access Lines - YEAR 4						<u>\$649,881.15</u>

CABLING & SUPPORT STRUCTURE PRICING

See Section 3.16.2, Cabling and Support Structure Pricing for detailed instructions on how to complete OFFER Form Pages.

YEAR 1	Ref. No.	Mfg. Model No.	Equip. Unit Price	+	Install Unit Price	=	Total Unit Price	x	Est. Qty.	=	Total Bid Price
Description											
Category 5E											
CAT5E Horizontal Cables											
Plenum Rated											
(1) 4 Pair, CMP, gray, foot	CS-001	10032207	0.36		0.75		1.11		10000		\$11,100.00
(2) 4 Pair, CMP, gray, foot	CS-001	10032207	0.71		1.04		1.75		100000		\$175,000.00
4 Pair, CMP, gray, 1000 ft/spool	CS-001	10032207	353.40		0.00		353.40		1		\$353.40
Riser Rated											
(1) 4 Pair, CMR, gray, foot	CS-002	10032510	0.18		0.75		0.93		1		\$0.93
(2) 4 Pair, CMR, gray, foot	CS-002	10032510	0.36		1.04		1.40		1		\$1.40
4 Pair, CMR, gray, 1000 ft/spool	CS-002	10032510	176.71		0.00		176.71		1		\$176.71
CAT5E and CAT6 Jack Module											
8-Conductor, 568A/B, 110-IDC, ivory, ea	CS-003	STAR6000C6	2.73		9.90		12.63		1		\$12.63
CAT5E Patch Panels and Accessories											
12-port, 568A/B, wall mount (89B bracket included), ea	CS-004	2-7034-12	26.12		59.38		85.50		1		\$85.50
24-port, 568A/B, 19" rack mount, ea	CS-005	2-7030-24	40.06		237.50		277.56		1		\$277.56
48-port, 568A/B, 19" rack mount, ea	CS-006	2-7032-48	74.89		475.00		549.89		1		\$549.89
Patch Panel Wall Mount Bracket, 24 Port, ea	CS-007	103B1-24	26.32		14.84		41.16		1		\$41.16
Patch Panel Wall Mount Bracket, 48 Port, ea	CS-008	103B1	30.48		14.84		45.32		1		\$45.32
Cable Management - Horizontal Cable Manager	CS-009	9512-1902	37.20		14.84		52.04		1		\$52.04
CAT5E Patch Cords											
3-ft, Category 5E patch cord, blue, ea	CS-010	2-7403-62	0.97		0.00		0.97		1		\$0.97
7-ft, Category 5E patch cord, blue, ea	CS-011	2-7407-62	1.22		0.00		1.22		1		\$1.22
10-ft, Category 5E patch cord, blue, ea	CS-012	2-7410-62	1.50		0.00		1.50		1		\$1.50
15-ft, Category 5E patch cord, blue, ea	CS-013	2-7415-62	2.09		0.00		2.09		1		\$2.09
Category 6											
CAT6 Horizontal Cables											
Plenum Rated											
(1) 4 Pair, CMP, gray, foot	CS-014	10032026	0.75		0.74		1.49		1		\$1.49
(2) 4 Pair, CMP, gray, foot	CS-014	10032026	1.49		1.04		2.53		1		\$2.53
4 Pair, CMP, gray, 1000 ft/spool	CS-014	10032026	743.68		0.00		743.68		1		\$743.68
Riser Rated											
(1) 4 Pair, CMR, gray, foot	CS-015	10032452	0.31		0.74		1.05		1		\$1.05
(2) 4 Pair, CMR, gray, foot	CS-015	10032452	0.62		1.04		1.66		1		\$1.66
4 Pair, CMR, gray, 1000 ft/spool	CS-015	10032452	312.08		0.00		312.08		1		\$312.08
CAT5E and CAT6 Jack Module											
8-Conductor, 568A/B, 110-IDC, ivory, ea	CS-003	STAR6000C6	2.73		9.90		12.63		1		\$12.63

CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

Description	Ref. No.	Mfg. Model No.	Equip. Unit Price	+	Install Unit Price	=	Total Unit Price	x	Est. Qty.	=	Total Bid Price
CAT6 Patch Panels and Accessories											
12-port, 568A/B, wall mount (bracket included), ea	CS-016	STAR19110C6-12	41.72		59.38		101.10		1		\$101.10
24-port, 568A/B, 19" rack mount, ea	CS-017	STAR19110C6-24	78.03		237.50		315.53		1		\$315.53
48-port, 568A/B, 19" rack mount, ea	CS-018	STAR19110C6-48	146.30		475.00		621.30		1		\$621.30
Patch Panel Wall Mount Bracket, 24 Port, ea	CS-007	103B1-24	26.32		14.84		41.16		1		\$41.16
Patch Panel Wall Mount Bracket, 48 Port, ea	CS-008	103B1	30.48		14.84		45.32		1		\$45.32
Cable Management - Horizontal Cable Manager	CS-009	9512-1902	37.20		14.84		52.04		1		\$52.04
CAT6 Patch Cords											
4-ft Category 6 patch cord, blue, ea	CS-019	STAR661-04-62	2.35		0.00		2.35		1		\$2.35
8-ft Category 6 patch cord, blue, ea	CS-020	STAR661-08-62	2.69		0.00		2.69		1		\$2.69
12-ft Category 6 patch cord, blue, ea	CS-021	STAR661-12-62	2.98		0.00		2.98		1		\$2.98
Faceplates and Surface Mount Boxes - Ivory											
Blank Insert	CS-022	STAR500B-52	0.33		9.90		10.23		1		\$10.23
Faceplate, Single Gang, 1-port, ea	CS-023	2-2501-52	0.63		9.90		10.53		1		\$10.53
Faceplate, Single Gang, 2-port, ea	CS-024	2-2502-52	0.63		9.90		10.53		1		\$10.53
Faceplate, Single Gang, 4-port, ea	CS-025	2-2504-52	0.63		9.90		10.53		1		\$10.53
Faceplate, Single Gang, Blank, ea	CS-026	107-52	0.52		9.90		10.42		1		\$10.42
Faceplate, Double Gang, 6-port, ea	CS-027	2-2506D-52	1.52		9.90		11.42		1		\$11.42
Faceplate, Double Gang, Blank, ea	CS-028	108-52	0.77		9.90		10.67		1		\$10.67
Surface Mount Housing, 1 or 2 ports, ea	CS-029	STAR558-52	2.19		9.90		12.09		1		\$12.09
Surface Mount Housing, Up to 6 ports, ea	CS-030	STAR108SM-52	2.01		9.90		11.91		1		\$11.91
Mounting Frame, Single Gang, 2-port, ea	CS-031	STAR1062-52	0.98		9.90		10.88		1		\$10.88
Mounting Frame, Single Gang, 4-port, ea	CS-032	STAR1064M-52	1.92		9.90		11.82		1		\$11.82
Surface Mount Box, Single Gang, ea	CS-033	STARMBD-52	2.45		9.90		12.35		1		\$12.35
Surface Mount Box, Double Gang, ea	CS-034	STARMBDD-52	2.79		9.90		12.69		1		\$12.69
Faceplates and Surface Mount Boxes - White											
Blank Insert	CS-035	STAR500B-85	0.33		9.90		10.23		1		\$10.23
Faceplate, Single Gang, 1-port, ea	CS-036	2-2501-85	0.63		9.90		10.53		1		\$10.53
Faceplate, Single Gang, 2-port, ea	CS-037	2-2502-85	0.63		9.90		10.53		1		\$10.53
Faceplate, Single Gang, 4-port, ea	CS-038	2-2504-85	0.63		9.90		10.53		1		\$10.53
Faceplate, Single Gang, Blank, ea	CS-039	107-85	0.52		9.90		10.42		1		\$10.42
Faceplate, Double Gang, 6-port, ea	CS-040	2-2506D-85	1.52		9.90		11.42		1		\$11.42
Faceplate, Double Gang, Blank, ea	CS-041	108-85	0.77		9.90		10.67		1		\$10.67
Surface Mount Housing, 1 or 2 ports, ea	CS-042	STAR558-85	2.19		9.90		12.09		1		\$12.09
Surface Mount Housing, Up to 6 ports, ea	CS-043	STAR108SM-85	2.01		9.90		11.91		1		\$11.91
Mounting Frame, Single Gang, 2-port, ea	CS-044	STAR1062-85	0.98		9.90		10.88		1		\$10.88
Mounting Frame, Single Gang, 4-port, ea	CS-045	STAR1064M-85	1.92		9.90		11.82		1		\$11.82
Surface Mount Box, Single Gang, ea	CS-046	STARMBD-85	2.45		9.90		12.35		1		\$12.35
Surface Mount Box, Double Gang, ea	CS-047	STARMBDD-85	2.79		9.90		12.69		1		\$12.69

CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

<u>Description</u>	<u>Ref. No.</u>	<u>Mfg. Model No.</u>	<u>Equip. Unit Price</u>	<u>+</u>	<u>Install Unit Price</u>	<u>=</u>	<u>Total Unit Price</u>	<u>x</u>	<u>Est. Qty.</u>	<u>=</u>	<u>Total Bid Price</u>
CAT 5 Patch Cords (110 to RJ45)											
110/RJ45 Patch Cord, 6', ea	CS-048	CPC8642-03F006	21.06		0.00		21.06		1		\$21.06
110/RJ45 Patch Cord, 12', ea	CS-049	CPC8642-03F012	24.69		0.00		24.69		1		\$24.69
110/RJ45 Patch Cord, 15', ea	CS-050	CPC8642-03F015	26.49		0.00		26.49		1		\$26.49
110/RJ45 Patch Cord, 20', ea	CS-051	CPC8642-03F020	29.53		0.00		29.53		1		\$29.53
110/RJ45 Patch Cord, 25', ea	CS-052	CPC8642-03F025	32.54		0.00		32.54		1		\$32.54
110/RJ45 Patch Cord, 30', ea	CS-053	CPC8642-03F030	35.57		0.00		35.57		1		\$35.57
Jumper Wire											
1 Pair Cross-Connect Wire, foot	CS-054	7023708	0.03		5.94		5.97		1		\$5.97
1 Pair Cross-Connect Wire, 1000ft/spool	CS-054	7023708	38.98		0.00		38.98		1		\$38.98
2 Pair Cross-Connect Wire, foot	CS-055	7023716	0.07		9.90		9.97		1		\$9.97
2 Pair Cross-Connect Wire, 1000ft/spool	CS-055	7023716	70.20		0.00		70.20		1		\$70.20
Splitters											
Coupler, 8-conductor, reverse wiring, gray, ea	CS-056	159MC-8B	4.28		0.00		4.28		1		\$4.28
Modular "T" Adapter, 4C-2C/4C, ivory, ea	CS-057	267C	2.15		0.00		2.15		1		\$2.15
Modular "T" Adapter, 8C-4C/4C, ivory, ea	CS-058	400E	3.66		0.00		3.66		1		\$3.66
Modular "T" Adapter, 8C-8C/8C, ivory, ea	CS-059	400S	3.66		0.00		3.66		1		\$3.66
Triplex Adapter ivory, ea	CS-060	173A	3.15		0.00		3.15		1		\$3.15
Terminating Blocks											
110 Block, 100 Pair, 25 Pair Cable, ea	CS-061	110AA2-100ft (107058901)	32.86		74.20		107.06		1		\$107.06
110 Block, 300 Pair, 25 Pair Cable, ea	CS-062	110AA2-300ft (107058935)	98.43		192.97		291.40		1		\$291.40
110 Block, 100 Pair, 4 Pair Cable, ea	CS-063	110AB2-100FT (107058919)	34.21		74.22		108.43		1		\$108.43
110 Block, 300 Pair, 4 Pair Cable, ea	CS-064	110AB2-300FT (107058943)	99.78		192.97		292.75		1		\$292.75
110 Connector Module, 4 Pair, ea	CS-065	110C-4 (103801247)	8.17		0.00		8.17		1		\$8.17
110 Connector Module, 5 Pair, ea	CS-066	110C-5 (103801254)	9.43		0.00		9.43		1		\$9.43
110 Wiring Trough, w/legs, ea	CS-067	110A3 (107831133)	9.52		5.94		15.46		1		\$15.46
110 Wiring Backboard w/legs, ea	CS-068	188B2 (104405113)	42.81		5.94		48.75		1		\$48.75
110 Patch Panel Backboard, 300 Pair, ea	CS-069	188D3 (107151193)	106.53		29.69		136.22		1		\$136.22
110 Patch Panel Backboard, 900 Pair, ea	CS-070	188C3 (107151185)	170.24		59.38		229.62		1		\$229.62
110 Block, 25 pair, w/o legs, ea	CS-071	110DEI-25 (107256653)	8.76		29.69		38.45		1		\$38.45
110 Block, 50 pair, w/o legs, ea	CS-072	110DW1-50 (107256661)	10.45		29.69		40.14		1		\$40.14
66 Block, 4X50, ea (DOE Primary)	CS-073	S66M1-50	8.45		29.69		38.14		1		\$38.14
66 Block, 6X50, ea (DOE Primary)	CS-074	S66B3-50	25.87		29.69		55.56		1		\$55.56
66 Block, 4X50, F-F Connector, ea (DOE Primary)	CS-075	S66M2-5W	45.01		29.69		74.70		1		\$74.70
Bridging Clips, ea	CS-076	SAI-100	0.07		1.48		1.55		1		\$1.55
Bridging Clips, 100/bag	CS-076	SAI-100	5.43		0.00		5.43		1		\$5.43
Standoff Bracket, ea	CS-077	SB6	7.76		8.91		16.67		1		\$16.67
Snap On Cover, ea	CS-078	BC6	13.16		5.94		19.10		1		\$19.10

CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

<u>Description</u>	<u>Ref. No.</u>	<u>Mfg. Model No.</u>	<u>Equip. Unit Price</u>	<u>Install Unit Price</u>	<u>Total Unit Price</u>	<u>Est. Qty.</u>	<u>Total Bid Price</u>
Backboards, Telecom Cabinets, and Equipment Racks							
Plywood Backboard, 2'X4', ea	CS-079	N/A	55.37	118.75	174.12	1	\$174.12
Plywood Backboard, 4'X4', ea	CS-080	N/A	110.75	178.13	288.88	1	\$288.88
Plywood Backboard, 4'X8', ea	CS-081	N/A	221.48	237.50	458.98	1	\$458.98
Telephone Cabinet, 2'X3', ea	CS-082	36246 TCF	417.45	178.13	595.58	1	\$595.58
Telephone Cabinet, 4'X4', ea	CS-083	48486 TCF NK	1310.26	178.13	1488.39	1	\$1,488.39
Stainless Steel Enclosure, 6'X6'X4", ea	CS-269	664-4XSCHC	380.46	205.28	585.74	1	\$585.74
Stainless Steel Enclosure, 12'X10'X6", ea	CS-270	12106-4XSCHC	715.33	205.28	920.61	1	\$920.61
Stainless Steel Enclosure, 12'X12'X6", ea	CS-271	12126-4XSCHC	809.95	205.28	1015.23	1	\$1,015.23
Stainless Steel Enclosure, 24'X24'X8", ea	CS-272	24248-4XS	2159.56	297.80	2457.36	1	\$2,457.36
Stainless Steel Enclosure, 36'X 24'X6", ea	CS-273	36246-4XS	2654.86	297.80	2952.66	1	\$2,952.66
Stainless Steel Enclosure, 48'X36'X 8", ea	CS-274	48368-4XS	4346.39	783.53	5129.92	1	\$5,129.92
Equipment Rack, 19'X7", ea	CS-084	55053-703	183.62	178.13	361.75	1	\$361.75
Vertical Wire Manager, ea	CS-085	11374-703	487.64	29.69	517.33	1	\$517.33
XLBET, 7'X19", ea	CS-086	107 308 322	756.79	950.00	1706.79	1	\$1,706.79
XLBET, 7'X23", ea	CS-087	105 158 224	738.26	950.00	1688.26	1	\$1,688.26
Cable Supports							
Mounting Plate Bracket, Single Gang, ea	CS-088	MP1P	1.20	9.90	11.10	1	\$11.10
Mounting Plate Bracket, Double Gang, ea	CS-089	MPAL2	3.53	9.90	13.43	1	\$13.43
Tele-Power Pole, 10'.5", ea	CS-090	25DTP-4	154.10	29.69	183.79	1	\$183.79
Tele-Power Pole, 12.5", ea	CS-091	25DTP-412	193.74	29.69	223.43	1	\$223.43
Tele-Power Pole, 15.5", ea	CS-092	25DTP-415	249.24	29.69	278.93	1	\$278.93
Ceiling Clip, ea	CS-093	CC27 X-AL-H22P8T 8'	3.80	14.84	18.64	1	\$18.64
Ceiling Clip, 100/pkg	CS-093	CC27 X-AL-H22P8T 8'	67.69	0.00	67.69	1	\$67.69
Multi-function (Caddy) Clip, ea	CS-094	4Z34	0.39	5.94	6.33	1	\$6.33
Multi-function (Caddy) Clip, 100/box	CS-094	4Z34	38.73	0.00	38.73	1	\$38.73
Cable Hanger, ea	CS-095	WMX6	0.56	11.88	12.44	1	\$12.44
Cable Hanger, 100/box	CS-095	WMX6	55.45	0.00	55.45	1	\$55.45
Bridle Ring, 2", ea	CS-096	2BRT32	1.18	2.97	4.15	1	\$4.15
Bridle Ring, 2", 100/box	CS-096	2BRT32	117.67	0.00	117.67	1	\$117.67
Bridle Ring, 4", ea	CS-097	4BRT64	1.84	2.97	4.81	1	\$4.81
Bridle Ring, 4", 100/box	CS-097	4BRT64	183.74	0.00	183.74	1	\$183.74
TRM Saddle, ea	CS-098	TRM	0.42	2.97	3.39	1	\$3.39
J-Hook, 1-5/16" Loop, ea	CS-099	CAT21	2.48	9.90	12.38	1	\$12.38
J-Hook, 2" Loop, ea	CS-100	CAT32	2.99	9.90	12.89	1	\$12.89
J-Hook, 4" Loop, ea	CS-101	CAT 64	7.19	9.90	17.09	1	\$17.09
J-Hook w/Beam Clamp for 1-5/16" Loop, ea	CS-102	CAT21BC200	4.51	9.90	14.41	1	\$14.41
J-Hook w/Beam Clamp for 1-5/16" Loop, 100/box	CS-102	CAT21BC200	450.88	0.00	450.88	1	\$450.88
J-Hook w/Beam Clamp for 2" Loop, ea	CS-103	CAT32BC200	5.03	9.90	14.93	1	\$14.93
J-Hook w/Beam Clamp for 2" Loop, 100/box	CS-103	CAT32BC200	502.72	0.00	502.72	1	\$502.72
J-Hook w/Multi-function Clip for 1-5/16" Loop, ea	CS-104	CAT214Z34	3.32	9.90	13.22	1	\$13.22
J-Hook w/Multi-function Clip for 2" Loop, ea	CS-105	CAT324Z34	3.85	9.90	13.75	1	\$13.75
Beam Clamp, 1/8" to 5/8" flange, ea	CS-106	BC200	1.08	9.90	10.98	1	\$10.98

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CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

Description	Ref. No.	Mfg. Model No.	Equip. Unit Price	+	Install Unit Price	=	Total Unit Price	x	Est. Qty.	=	Total Bid Price
Beam Clamp, 1/8" to 5/8" flange, 100/box	CS-106	BC200	107.51		0.00		107.51		1		\$107.51
Beam Clamp, up to 3/4" flange, ea	CS-107	BC400	3.09		9.90		12.99		1		\$12.99
Beam Clamp, up to 3/4" flange, 100/box	CS-107	BC400	308.53		0.00		308.53		1		\$308.53
Junction Box, 6"H X6"W X6"D, ea	CS-108	666 SC	16.57		118.75		135.32		1		\$135.32
Junction Box, 12"H X12"W X6"D, ea	CS-109	12126 SC	38.02		178.13		216.15		1		\$216.15
Junction Box, 12"H X12"W X8"D, ea	CS-110	12128 SC	45.88		237.50		283.38		1		\$283.38
Junction Box, 2'H X 3W 'X 6"D, ea	CS-111	36246 SC	216.69		475.00		691.69		1		\$691.69
Cable Runway, 6" width, foot	CS-112	10250-106	9.99		29.69		39.68		1		\$39.68
Cable Runway, 12" width, foot	CS-113	10250-112	11.41		44.53		55.94		1		\$55.94
Wall Angled Support Kit for 12" ladder rack, ea	CS-114	11421-712	35.88		23.75		59.63		1		\$59.63
Spiral Wrap, foot	CS-115	T25F-C	0.57		17.81		18.38		1		\$18.38
Spiral Wrap, 100 ft/pkg	CS-115	T25F-C	56.53		0.00		56.53		1		\$56.53
Cable Tie, Plenum, ea	CS-116	PLT9S-C702Y	3.34		5.94		9.28		1		\$9.28
Surface Mount Raceways											
Pancake Overfloor Raceway, small, 10' ea	CS-117	1500-10	2.68		6.93		9.61		1		\$9.61
Pancake Overfloor Raceway, large, 10' ea	CS-118	2600	4.20		6.93		11.13		1		\$11.13
Flat Elbow, Right Angle, small, ea	CS-119	1511	6.77		17.81		24.58		1		\$24.58
Flat Elbow, Right Angle, large, ea	CS-120	2611	10.73		17.81		28.54		1		\$28.54
Raceway Base, 4.07"X1.77"X8", ea	CS-121	T70BEI8	4.74		17.81		22.55		1		\$22.55
Raceway Cover, 4.07"X8", ea	CS-122	T70CEI8	2.62		6.93		9.55		1		\$9.55
Inside Corner Fitting, 4.07", ea	CS-123	T70ICEI	16.17		2.97		19.14		1		\$19.14
End Cap Fitting, 4.07", ea	CS-124	T70ECEI	6.58		2.97		9.55		1		\$9.55
Base Coupler /Cover Coupler Fitting, 4.07", ea	CS-125	T70BCEI-X/T70CCEI-X	6.36		2.97		9.33		1		\$9.33
Outside Corner Fitting, 4.07", ea	CS-126	T70OCEI	16.17		2.97		19.14		1		\$19.14
Transition Fitting, 4.07", ea	CS-127	T70TREI	21.72		2.97		24.69		1		\$24.69
Right Angle Fitting, 4.07", ea	CS-128	T70RAEI	25.06		2.97		28.03		1		\$28.03
Tea Fitting, 4.07", ea	CS-129	T70TEI	27.32		2.97		30.29		1		\$30.29
Surface Raceway, 1.51"X.94"X 6', CAT5, ea	CS-130	LD10EI6-A	3.38		17.81		21.19		1		\$21.19
Coupler Fitting, 1.51", CAT5, ea	CS-131	CFX10EI-X	2.14		2.97		5.11		1		\$5.11
Inside Corner Fitting, 1.51", CAT5, ea	CS-132	ICFC10EI-X	2.31		2.97		5.28		1		\$5.28
Right Angle Fitting, 1.51", CAT5, ea	CS-133	RAFC10EI-X	2.31		2.97		5.28		1		\$5.28
Drop Ceiling/Entrance End Fitting, 1.51", CAT5, ea	CS-134	DCEFXEI-X	7.73		2.97		10.70		1		\$10.70
Right Angle/Entrance End Fitting, 1.51", CAT5 ea	CS-135	RAEFXEI-X	7.14		2.97		10.11		1		\$10.11
Outside Corner Fitting, 1.51", CAT5, ea	CS-136	OCFX10EI-X	3.88		2.97		6.85		1		\$6.85
End Cap Fitting, 1.51", CAT5, ea	CS-137	ECFX10EI-X	2.11		2.97		5.08		1		\$5.08
T-Fitting, 1.51", CAT5, ea	CS-138	TFC10EI-X	1.87		2.97		4.84		1		\$4.84
Conduits											
EMT, 1", ea	CS-139	1" EMT	10.04		9.90		19.94		1		\$19.94
EMT, 2", ea	CS-140	2" EMT	11.44		11.88		23.32		1		\$23.32
EMT, 3", ea	CS-141	3" EMT	13.96		14.84		28.80		1		\$28.80
EMT, 4", ea	CS-142	4" EMT	16.30		17.81		34.11		1		\$34.11
Rigid Conduit, 1", ft	CS-261	Rigid Steel, 1"	11.30		30.07		41.37		1		\$41.37

CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

Description	Ref. No.	Mfg. Model No.	Equip. Unit Price	Install Unit Price	Total Unit Price	Est. Qty.	Total Bid Price
Rigid Conduit, 2", ft	CS-262	Rigid Steel, 2"	19.46	82.11	101.57	1	\$101.57
Rigid Conduit, 3", ft	CS-263	Rigid Steel, 3"	44.77	116.52	161.29	1	\$161.29
Rigid Conduit, 4", ft	CS-264	Rigid Steel, 4"	76.82	158.30	235.12	1	\$235.12
Liquid Flex, 1", ft	CS-265	YF-70610	2.33	12.43	14.76	1	\$14.76
Liquid Flex, 2", ft	CS-266	YF-70620	4.22	31.95	36.17	1	\$36.17
Liquid Flex, 3", ft	CS-267	YF-70630	6.02	47.56	53.58	1	\$53.58
Liquid Flex, 4", ft	CS-268	YF-70640	8.83	78.50	87.33	1	\$87.33
1" Coring, EMT, ea	CS-143	N/A	30.12	118.75	148.87	1	\$148.87
2" Coring, EMT, ea	CS-144	N/A	34.32	237.50	271.82	1	\$271.82
3" Coring, EMT, ea	CS-145	N/A	41.87	296.88	338.75	1	\$338.75
4" Coring, EMT, ea	CS-146	N/A	48.90	356.25	405.15	1	\$405.15
4" Sleeves, including coring, ea	CS-147	N/A	163.01	391.88	554.89	1	\$554.89
Fire Barrier Moldable Putty, ea	CS-148	MP Stix	24.13	29.69	53.82	1	\$53.82
CP 618 Putty Stick, ea	CS-334	00314721	45.88	44.53	90.41	1	\$90.41
CP 658T Fire Stop Plug 2in., ea	CS-335	2030021	57.44	44.53	101.97	1	\$101.97
CP 658T Fire Stop Plug 4in., ea	CS-336	2030022	76.50	44.53	121.03	1	\$121.03
FS-ONE 10.1 oz. Tube Red, ea	CS-337	00259580	20.06	44.53	64.59	1	\$64.59
Mineral Wool, ea	CS-338	236993	25.83	44.53	70.36	1	\$70.36
Tie Cables							
CAT3 CMR Cable:							
25 Pair, foot	CS-149	10032396	0.88	4.95	5.83	1	\$5.83
50 Pair, foot	CS-150	10032471	1.64	4.95	6.59	1	\$6.59
100 Pair, foot	CS-151	10032472	3.16	5.94	9.10	1	\$9.10
CAT3 CMP Cable:							
25 Pair, foot	CS-152	10032111	1.17	4.95	6.12	1	\$6.12
50 Pair, foot	CS-153	10032112	2.37	4.95	7.32	1	\$7.32
100 Pair, foot	CS-154	10032113	4.71	5.94	10.65	1	\$10.65
Riser Cable, ARMM							
25 Pair, foot	CS-155	02-097-03	1.39	3.71	5.10	1	\$5.10
50 Pair, foot	CS-156	02-100-03	2.33	3.71	6.04	1	\$6.04
100 Pair, foot	CS-157	02-104-03	4.38	3.71	8.09	1	\$8.09
200 Pair, foot	CS-158	02-108-03	8.39	3.71	12.10	1	\$12.10
300 Pair, foot	CS-159	02-110-03	12.22	4.75	16.97	1	\$16.97
400 Pair, foot	CS-160	02-112-03	16.04	4.75	20.79	1	\$20.79
600 Pair, foot	CS-161	02-116-03	22.92	4.75	27.67	1	\$27.67
900 Pair, foot	CS-162	02-118-03	34.80	7.72	42.52	1	\$42.52
1200 Pair, foot	CS-163	02-120-03	45.90	7.72	53.62	1	\$53.62
Interbuilding Cables and Protectors							
Protector Panel, 25 Pair, ea	CS-164	1880ECA1-25G	394.42	178.13	572.55	1	\$572.55
Protector Panel, 50 Pair, ea	CS-165	1880ECA1-50G	424.74	296.88	721.62	1	\$721.62

CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

Description	Ref. No.	Mfg. Model No.	Equip. Unit Price	+	Install Unit Price	=	Total Unit Price	x	Est. Qty.	=	Total Bid Price
Protector Panel, 100 Pair, ea	CS-166	1880ECA1-100G	558.24		475.00		1033.24		1		\$1,033.24
Protector Module, Solid State, ea	CS-167	C3B1S-BAL	4.47		2.97		7.44		1		\$7.44
Ground Wire, #6, foot	CS-168	THHN-6 STR	1.60		1.09		2.69		1		\$2.69
Grounding Bus Bar, 4' X 10' X 1/4", ea	CS-299	EGBA14410FF	177.19		59.38		236.57		1		\$236.57
Splice Case Flame Retardant											
9.5"X28", ea	CS-169	8006245	588.68		296.88		885.56		1		\$885.56
9.5"X38", ea	CS-170	8006247	789.19		296.88		1086.07		1		\$1,086.07
Splice per Pair, ea	CS-171	N/A	0.00		2.97		2.97		1		\$2.97
OSP Cables, 4 and 6 Pair											
4 Pair, CAT5E OSP, foot	CS-172	04-001-54	0.49		2.97		3.46		1		\$3.46
4 Pair, CAT5E OSP, 1000 ft/reel	CS-172	04-001-54	488.01		0.00		488.01		1		\$488.01
6 Pair, CAT3, OSP Buried, foot	CS-173	2095137	0.56		4.95		5.51		1		\$5.51
6 Pair, CAT3, OSP Buried, 1000 ft/coil	CS-173	2095137	560.74		0.00		560.74		1		\$560.74
OSP Cables, ANMW											
25 Pair, foot	CS-174	6987705	1.19		3.71		4.90		1		\$4.90
50 Pair, foot	CS-175	6987713	2.20		3.71		5.91		1		\$5.91
100 Pair, foot	CS-176	6987721	4.05		3.71		7.76		1		\$7.76
200 Pair, foot	CS-177	6987739	7.89		3.71		11.60		1		\$11.60
300 Pair, foot	CS-178	6987747	11.61		4.75		16.36		1		\$16.36
400 Pair, foot	CS-179	6987754	17.12		4.75		21.87		1		\$21.87
600 Pair, foot	CS-180	6987762	23.25		4.75		28.00		1		\$28.00
900 Pair, foot	CS-181	6987770	34.80		7.72		42.52		1		\$42.52
1200 Pair, foot	CS-182	6987788	45.63		7.72		53.35		1		\$53.35
Fiber Optic Connectors											
SC SM, Connector, ea	CS-183	95-201-41	12.39		110.85		123.24		1		\$123.24
SC MM, Connector, ea	CS-184	95-101-41	6.59		110.85		117.44		1		\$117.44
ST SM, Connector, ea	CS-185	95-201-51	12.39		110.85		123.24		1		\$123.24
ST MM, Connector, ea	CS-186	95-101-51	6.58		110.85		117.43		1		\$117.43
SC UniCam, 50um MM (OM3/4), ea	CS-310	95-050-41-X	22.29		75.00		97.29		1		\$97.29
SC Anaerobic, 50um MM (OM3/4), ea	CS-311	95-051-41-SP-X	7.05		75.00		82.05		1		\$82.05
LC UniCam, 50um MM (OM3/4), ea	CS-328	95-050-99-X	23.47		75.00		98.47		1		\$98.47
LC Anaerobic, 50um MM (OM3/4), ea	CS-329	95-051-98-SP-X	7.40		75.00		82.40		1		\$82.40
Fiber Optic Cables and Innerduct											
62.5um CMR:											
6 Fiber MM, foot	CS-187	006K81-31130-24	0.85		3.71		4.56		1		\$4.56
12 Fiber MM, foot	CS-188	012K81-33130-24	1.61		3.71		5.32		1		\$5.32
24 Fiber MM, foot	CS-189	024K81-33130-24	3.46		3.71		7.17		1		\$7.17
8.3um CMR:											
6 Fiber SM, foot	CS-190	006E81-31131-24	0.43		3.71		4.14		1		\$4.14

CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

Description	Ref. No.	Mfg. Model No.	Equip. Unit Price	+	Install Unit Price	=	Total Unit Price	x	Est. Qty.	=	Total Bid Price
12 Fiber SM, foot	CS-191	012E81-33131-24	0.93		3.71		4.64		1		\$4.64
24 Fiber SM, foot	CS-192	024E81-33131-24	1.86		3.71		5.57		1		\$5.57
50um Corning CMR:											
6 Fiber, MM, foot	CS-312	006T81-31180-24	1.42		3.71		5.13		1		\$5.13
12 Fiber, MM, foot	CS-313	012T81-33180-24	2.93		3.71		6.64		1		\$6.64
24 Fiber, MM, foot	CS-314	024T81-33180-24	5.94		3.71		9.65		1		\$9.65
62.5um and 8.3um Composite CMR:											
12 Fiber MM/12 Fiber SM, foot	CS-193	024X81-A9034-24	2.72		3.71		6.43		1		\$6.43
18 Fiber MM/6 Fiber SM, foot	CS-194	018C81-A9044-24	2.40		3.71		6.11		1		\$6.11
62.5 um CMP:											
6 Fiber MM, foot	CS-195	006K88-31130-29	0.98		3.71		4.69		1		\$4.69
12 Fiber MM, foot	CS-196	012K88-33130-29	1.78		3.71		5.49		1		\$5.49
24 Fiber MM, foot	CS-197	024K88-33130-29	4.32		3.71		8.03		1		\$8.03
8.3um CMP:											
6 Fiber SM, foot	CS-198	006E88-31131-29	0.51		3.71		4.22		1		\$4.22
12 Fiber SM, foot	CS-199	012E88-33131-29	1.07		3.71		4.78		1		\$4.78
24 Fiber SM, foot	CS-200	024E88-33131-29	2.45		3.71		6.16		1		\$6.16
50um Corning CMP:											
6 Fiber, MM, foot	CS-315	006T88-31180-29	1.57		3.71		5.28		1		\$5.28
12 Fiber, MM, foot	CS-316	012T88-33180-29	3.14		3.71		6.85		1		\$6.85
24 Fiber, MM, foot	CS-317	024T88-33180-29	6.77		3.71		10.48		1		\$10.48
50um Corning CMP Interlocking Armored Cable											
6 Fiber, MM, foot	CS-318	006T88-31180-A3	3.12		3.71		6.83		1		\$6.83
12 Fiber, MM, foot	CS-319	012T88-33180-A3	4.68		3.71		8.39		1		\$8.39
24 Fiber, MM, foot	CS-320	024T88-33180-A3	6.38		4.95		11.33		1		\$11.33
50um CMP (OM4):											
6 Fiber, MIC, 50um MM (OM4), foot	CS-330	006T88-31190-29	2.10		3.71		5.81		1		\$5.81
12 Fiber, MIC, 50um MM (OM4), foot	CS-331	012T88-33190-29	3.75		3.71		7.46		1		\$7.46
24 Fiber, MIC, 50um MM (OM4), foot	CS-332	024T88-33190-29	7.93		3.71		11.64		1		\$11.64
62.5um and 8.3um Composite CMP:											
12 Fiber MM/12 Fiber SM, foot	CS-201	024X88-A9036-24	3.58		3.71		7.29		1		\$7.29
18 Fiber MM/6Fiber SM, foot	CS-202	018X88-A9045-29	3.03		3.71		6.74		1		\$6.74
62.5um Loose Tube OSP:											
6 Fiber MM, foot	CS-203	006KW4-T4130D20	0.95		4.45		5.40		1		\$5.40
12 Fiber MM, foot	CS-204	012KW4-T4130D20	1.74		4.45		6.19		1		\$6.19
24 Fiber, MM, foot	CS-205	024KW4-T4130D20	3.21		4.45		7.66		1		\$7.66
6 Fiber SM, foot	CS-206	006EW4-T4101D20	3.01		4.45		7.46		1		\$7.46
12 Fiber SM, foot	CS-207	012EW4-T4101D20	4.09		4.45		8.54		1		\$8.54
24 Fiber, SM, foot	CS-208	024EW4-T4101D20	6.33		4.45		10.78		1		\$10.78
62.5um and 8.3um Composite Loose Tube OSP:											
12 Fiber MM/12 Fiber SM, foot	CS-209	024XSF-A8076D20	2.08		4.45		6.53		1		\$6.53

CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

<u>Description</u>	<u>Ref. No.</u>	<u>Mfg. Model No.</u>	<u>Equip. Unit Price</u>	<u>+</u>	<u>Install Unit Price</u>	<u>=</u>	<u>Total Unit Price</u>	<u>x</u>	<u>Est. Qty.</u>	<u>=</u>	<u>Total Bid Price</u>
18 Fiber MM/6 Fiber SM, foot	CS-210	024XSF-T41XXD20	2.92		4.45		7.37		1		\$7.37
8.3um Freedm, indoor/outdoor:											
6 Fiber, foot	CS-211	006ESF-T4101D20	1.61		4.45		6.06		1		\$6.06
12 Fiber, foot	CS-212	012ESF-T4101D20	1.81		4.45		6.26		1		\$6.26
24 Fiber, foot	CS-213	024ESF-T4101D20	3.41		4.45		7.86		1		\$7.86
48 Fiber, foot	CS-214	048EWF-T4101D20	7.16		4.45		11.61		1		\$11.61
62.5 um Freedm, indoor/outdoor:											
6 Fiber, foot	CS-215	006KSF-T4130D20	0.38		4.45		4.83		1		\$4.83
12 Fiber, foot	CS-216	012KSF-T4130D20	0.51		4.45		4.96		1		\$4.96
24 Fiber, foot	CS-217	024KSF-T4130D20	0.81		4.45		5.26		1		\$5.26
48 Fiber, foot	CS-218	048KWF-T4130D20	1.93		4.45		6.38		1		\$6.38
50um OM3, Corning Outdoor Loose Tube											
12 Fiber, MM, foot	CS-321	012TU4-T4180D20	4.11		4.45		8.56		1		\$8.56
24 Fiber, MM, foot	CS-322	024TU4-T4180D20	7.97		4.45		12.42		1		\$12.42
Composite:											
12 Fiber MM/12 Fiber SM, foot	CS-219	024XWF-741XXD20	3.85		4.45		8.30		1		\$8.30
18 Fiber MM/6 Fiber SM, foot	CS-220	024XWF-XXXXXD20	4.68		4.45		9.13		1		\$9.13
8.3um Corning Outdoor Loose Tube											
72 Fiber, SM, foot	CS-339	072EU4-T4701D20	9.66		4.27		13.93		1		\$13.93
InnerDuct											
Inner Duct, PVC, 1", foot	CS-221	GP 100T	0.76		4.45		5.21		1		\$5.21
Inner Duct, Plenum, 1", foot	CS-222	PLM 100T	2.49		4.45		6.94		1		\$6.94
Inner Duct, Textile 3" 3 Cell, foot	CS-223	MXC 3456 BL 500	3.55		4.45		8.00		1		\$8.00
Inner Duct Orange w/tape, Plenum, 1", foot	CS-333	CF4X1C-6500	4.00		4.45		8.45		1		8.45
Fiber Optic Termination Equipment											
Closet Connector Housing, Rack Mount (up to 2 CCH panels), ea	CS-224	CCH-01U	239.46		29.69		269.15		1		\$269.15
Closet Connector Housing, Rack Mount (up to 4 CCH panels), ea	CS-225	CCH-02U	280.60		29.69		310.29		1		\$310.29
Closet Connector Housing, Rack Mount, (up to 6 CCH panels), ea	CS-226	CCH-03U	321.69		29.69		351.38		1		\$351.38
Closet Connector Housing, Rack Mount, (up to 12 CCH panels), ea	CS-227	CCH-04U	362.83		29.69		392.52		1		\$392.52
Connector Housing, Wall-Mountable (up to 2 CCH panels), ea	CS-228	WCH-02P	84.86		59.38		144.24		1		\$144.24
Connector Housing, Wall-Mountable (up to 4 CCH panels), ea	CS-229	WCH-04P	163.38		59.38		222.76		1		\$222.76
Connector Housing, Wall-Mountable (up to 6 CCH panels), ea	CS-230	WCH-06P	288.02		59.38		347.40		1		\$347.40
Connector Housing, Wall-Mountable (up to 12 CCH panels), ea	CS-231	WCH-12P	420.04		59.38		479.42		1		\$479.42
Closet Connector Housing Panels & Fan-out Kits											
6 port, ST, single-mode, ea	CS-232	CCH-CP06-19T	43.62		14.84		58.46		1		\$58.46
6 port, ST multimode, ea	CS-233	CCH-CP06-25T	35.73		14.84		50.57		1		\$50.57
6 port, SC single-mode, ea	CS-234	CCH-CP06-3C	72.95		14.84		87.79		1		\$87.79
6 port, SC multimode, ea	CS-235	CCH-CP06-56	49.73		14.84		64.57		1		\$64.57
CCH Pnl w/3 SC DPLX (6 Fiber) 50um (OM 3/4), ea	CS-323	CCH-CP06-E7	63.47		14.85		78.32		1		78.32
12 port duplex, SC single-mode, ea	CS-236	CCH-CP12-59	108.49		14.84		123.33		1		\$123.33

CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

Description	Ref. No.	Mfg. Model No.	Equip. Unit Price	+	Install Unit Price	=	Total Unit Price	x	Est. Qty.	=	Total Bid Price
12 port duplex, SC multimode, ea	CS-237	CCH-CP12-91	74.94		14.84		89.78		1		\$89.78
12 port, SC single-mode, ea	CS-238	CCH-CP12-3C	123.61		14.84		138.45		1		\$138.45
12 port, SC multimode, ea	CS-239	CCH-CP12-56	88.98		14.84		103.82		1		\$103.82
12 port, ST single-mode, ea	CS-240	CCH-CP12-19T	72.31		14.84		87.15		1		\$87.15
12 port, ST multimode, ea	CS-241	CCH-CP12-25T	56.52		14.84		71.36		1		\$71.36
CCH Pnl w/6 SC SX (12 Fiber) 50um (OM 3/4), ea	CS-324	CCH-CP12-E7	110.92		14.85		125.77		1		\$125.77
CCH Pnl w/3 LC DPLX (6 Fiber) 50um (OM3/4), ea	CS-325	CCH-CP06-E4	72.66		14.85		87.51		1		\$87.51
CCH Pnl w/6 LC DPLX (12 Fiber) 50um (OM3/4), ea	CS-326	CCH-CP12-E4	127.82		14.85		142.67		1		\$142.67
CCH Pnl w/12 LC DPLX (24 Fiber) 50um (OM3/4), ea	CS-327	CCH-CP24-E4	238.21		14.85		253.06		1		\$253.06
Fan-out kit, 6 strand, ea	CS-242	FAN-BT25-06	16.89		59.38		76.27		1		\$76.27
Fan-out kit, 12 strand, ea	CS-243	FAN-BT25-12	19.39		59.38		78.77		1		\$78.77
Fiber Patch Cords											
Fiber Jumper, LC to SC Duplex, sm, 1 m, ea	CS-275	GB LCC-D1-01	58.05		0.00		58.05		1		\$58.05
Fiber Jumper, LC to SC, Duplex, sm, 2 m, ea	CS-276	GB LCC-D1-02	60.08		0.00		60.08		1		\$60.08
Fiber Jumper, LC to SC, Duplex, sm, 3 m, ea	CS-277	GB LCC-D1-03	62.02		0.00		62.02		1		\$62.02
Fiber Jumper, LC to SC, Duplex, mm, 1m, ea	CS-278	GB LCC-D2-01	47.59		0.00		47.59		1		\$47.59
Fiber Jumper, LC to SC, Duplex, mm, 2m, ea	CS-279	GB LCC-D2-02	51.64		0.00		51.64		1		\$51.64
Fiber Jumper, LC to SC, Duplex, mm, 3m, ea	CS-280	GB LCC-D2-03	55.52		0.00		55.52		1		\$55.52
Fiber Jumper, LC to ST, Duplex, sm, 1 m, ea	CS-281	GB LCT-D1-01	77.79		0.00		77.79		1		\$77.79
Fiber Jumper, LC to ST, Duplex, sm, 2 m, ea	CS-282	GB LCT-D1-02	80.66		0.00		80.66		1		\$80.66
Fiber Jumper, LC to ST, Duplex, sm, 3 m, ea	CS-283	GB LCT-D1-03	83.53		0.00		83.53		1		\$83.53
Fiber Jumper, LC to ST, Duplex, mm, 1m, ea	CS-284	GB LCT-D2-01	46.91		0.00		46.91		1		\$46.91
Fiber Jumper, LC to ST, Duplex, mm 2m, ea	CS-285	GB LCT-D2-02	50.96		0.00		50.96		1		\$50.96
Fiber Jumper, LC to ST, Duplex, mm 3m, ea	CS-286	GB LCT-D2-03	54.84		0.00		54.84		1		\$54.84
Fiber Jumper, SC to SC, DPLX, sm, 1m, ea	CS-287	GB SC2-D1-01	59.57		0.00		59.57		1		\$59.57
Fiber Jumper, SC to SC, DPLX, sm, 2m, ea	CS-288	GB SC2-D1-02	62.27		0.00		62.27		1		\$62.27
Fiber Jumper, SC to SC, DPLX, sm, 3m, ea	CS-289	GB SC2-D1-03	64.97		0.00		64.97		1		\$64.97
Fiber Jumper, SC to SC, DPLX, mm, 1m, ea	CS-290	GB SC2-D2-01	32.74		0.00		32.74		1		\$32.74
Fiber Jumper, SC to SC, DPLX, mm, 2m, ea	CS-291	GB SC2-D2-02	36.79		0.00		36.79		1		\$36.79
Fiber Jumper, SC to SC, DPLX, mm, 3m, ea	CS-292	GB SC2-D2-03	40.67		0.00		40.67		1		\$40.67
Fiber Jumper, SC to SC, Simplex, sm, 1m, ea	CS-293	GB SC2-S1-01	23.96		0.00		23.96		1		\$23.96
Fiber Jumper, SC to SC, Simplex, sm, 2m, ea	CS-294	GB SC2-S1-02	26.49		0.00		26.49		1		\$26.49
Fiber Jumper, SC to SC, Simplex, sm, 3m, ea	CS-295	GB SC2-S1-03	29.03		0.00		29.03		1		\$29.03
Fiber Jumper, SC to SC, Simplex, mm, 1m, ea	CS-296	GB SC2-S2-01	18.82		0.00		18.82		1		\$18.82
Fiber Jumper, SC to SC, Simplex, mm, 2m, ea	CS-297	GB SC2-S2-02	23.20		0.00		23.20		1		\$23.20
Fiber Jumper, SC to SC, Simplex, mm, 3m, ea	CS-298	GB SC2-S2-03	27.68		0.00		27.68		1		\$27.68
Fiber Jumper, ST to ST, Duplex, mm, 2 m, ea	CS-300	GBST2-D2-02	36.79		0.00		36.79		1		\$36.79
Fiber Jumper, ST to SC, Duplex, mm, 2 m, ea	CS-301	GBSTC-D2-02	36.79		0.00		36.79		1		\$36.79
Video Cables and Connectors											
RG6, Horizontal Coax, Plenum, foot	CS-244	82120	1.52		4.95		6.47		1		\$6.47
RG6, Horizontal Coax, Non-Plenum, foot	CS-245	9116R	0.17		4.95		5.12		1		\$5.12

CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

<u>Description</u>	<u>Ref. No.</u>	<u>Mfg. Model No.</u>	<u>Equip. Unit Price</u>	<u>+</u>	<u>Install Unit Price</u>	<u>=</u>	<u>Total Unit Price</u>	<u>x</u>	<u>Est. Qty.</u>	<u>=</u>	<u>Total Bid Price</u>
RG11/U, Riser Coax, Plenum, foot	CS-246	6139B8	2.87		4.95		7.82		1		\$7.82
RG11, Riser Coax, Non-Plenum, foot	CS-247	1523R	0.26		4.95		5.21		1		\$5.21
Riser Coax, foot	CS-248	PIII 500 JCAR	1.19		4.95		6.14		1		\$6.14
OSP Coax, Aerial, foot	CS-249	QR 540 JCA	0.71		4.95		5.66		1		\$5.66
OSP Coax, Underground, foot	CS-250	PIII 500 JACASS	1.69		5.94		7.63		1		\$7.63
F Connector, ea	CS-251	SNS1P6	0.66		23.75		24.41		1		\$24.41
Versatap Connector, ea	CS-252	AT32F-09	1.49		23.75		25.24		1		\$25.24
Miscellaneous Equipment											
Atlas 90x40 Constant Directive Re-entrant Paging Horn, ea	CS-302	CD94	250.00		1865.00		2115.00		1		\$2,115.00
Atlas Pole Mount Mono Channel 100w 70v/100v Amplifier, ea	CS-303	PA1001G	287.00		104.00		391.00		1		\$391.00
Atlas Compression Drive 75 Watts 70.7v/100v, ea	CS-304	PD75T	200.00		104.00		304.00		1		\$304.00
Atlas CP-400 Power Amplifier, ea	CS-305	CP400	528.00		104.00		632.00		1		\$632.00
Atlas 8" 90x90 Stadium Speaker, ea	CS-306	AH99-8ST	660.00		2072.00		2732.00		1		\$2,732.00
Speaker Wire, Unshielded 1 Pair, 12 AWG, ft	CS-307	8477	1.70		3.11		4.81		1		\$4.81
Speaker Wire, Shielded 1 Pair, 12 AWG, ft	CS-308	8718	2.26		3.11		5.37		1		\$5.37
Speaker Wire, Shielded 1 Pair, 20 AWG, ft	CS-309	9154	0.60		2.60		3.20		1		\$3.20
Other Labor and Miscellaneous (Refer to Reference - Other Labor and Miscellaneous for details)											
Additional Basic Labor, hour	CS-253	N/A	0.00		82.00		82.00		1		\$82.00
Maintenance Hole Set-Up, each	CS-254	N/A	0.00		208.00		208.00		1		\$208.00
As-Built Drawings, hour	CS-255	N/A	4.22		83.78		88.00		1		\$88.00
Travel Expenses for Neighbor Island Projects, dollars	CS-256	N/A	0.00		15842.00		15842.00		1		\$15,842.00
Prefield Travel Expenses for Neighbor Island Projects, dollars	CS-257	N/A	0.00		1668.00		1668.00		1		\$1,668.00
Shipping - Expedited Air Freight, dollars	CS-258	N/A	500.00		0.00		500.00		1		\$500.00
Overtime Work, hour	CS-259	N/A	0.00		123.00		123.00		1		123.00
Contingency, dollars	CS-260	N/A	90000.00		0.00		90000.00		1		\$90,000.00

Sub-Total: Cabling and Support Structures \$347,642.09

<u>Description</u>	<u>Ref. No.</u>	<u>Rate</u>	<u>x</u>	<u>Sub-Total: Cabling and Support Structures</u>	<u>Total Bid Price</u>
Regulatory Fees/Charges and Taxes					
Hawaii General Excise Tax	GET	0.04712		\$347,642.09	\$16,380.90
Others					

Sub-Total: Regulatory Fees/Charges and Taxes \$16,380.90

Total: Cabling and Support Structures-YEAR 1 \$364,022.99

Escalation Clause:

Hawaiian Telcom's proposal includes an annual escalation of (3%) three percent per year specifically for the piece parts referenced below related to Category 5E and Category 6 type copper cabling. The annual price increase for these items will be effective on the anniversary date of the contract.

CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

YEAR 2

Description

Category 5E

CAT5E Horizontal Cables

Plenum Rated

- (1) 4 Pair, CMP, gray, foot
- (2) 4 Pair, CMP, gray, foot
- 4 Pair, CMP, gray, 1000 ft/spool

Riser Rated

- (1) 4 Pair, CMR, gray, foot
- (2) 4 Pair, CMR, gray, foot
- 4 Pair, CMR, gray, 1000 ft/spool

Category 6

CAT6 Horizontal Cables

Plenum Rated

- (1) 4 Pair, CMP, gray, foot
- (2) 4 Pair, CMP, gray, foot
- 4 Pair, CMP, gray, 1000 ft/spool

Riser Rated

- (1) 4 Pair, CMR, gray, foot
- (2) 4 Pair, CMR, gray, foot
- 4 Pair, CMR, gray, 1000 ft/spool

<u>Ref. No.</u>	<u>Mfg. Model No.</u>	<u>Unit Price</u>	+	<u>Unit Price</u>	=	<u>Unit Price</u>	x	<u>Est. Qty.</u>	=	<u>Bid Price</u>
CS-001	10032207	0.37		0.75		1.12		10000		\$11,200.00
CS-001	10032207	0.73		1.04		1.77		100000		\$177,000.00
CS-001	10032207	362.24		0.00		362.24		1		\$362.24
CS-002	10032510	0.19		0.75		0.94		1		\$0.94
CS-002	10032510	0.37		1.04		1.41		1		\$1.41
CS-002	10032510	181.13		0.00		181.13		1		\$181.13
CS-014	10032026	0.76		0.74		1.50		1		\$1.50
CS-014	10032026	1.53		1.04		2.57		1		\$2.57
CS-014	10032026	762.27		0.00		762.27		1		\$762.27
CS-015	10032452	0.32		0.74		1.06		1		\$1.06
CS-015	10032452	0.63		1.04		1.67		1		\$1.67
CS-015	10032452	319.88		0.00		319.88		1		\$319.88

Sub-Total: Year 2 Category 5E & Category 6 Cable Increase		\$189,834.67
Year 1 Sub-Total Cabling & Support Structures	\$347,642.09	
Less Year 1 Category 5E & Category 6 Cable	-\$187,694.93	
Sub-Total: Year 1 Cabling & Support Structures Less Cat 5E & Cat 6 Cable		\$159,947.16
Sub-Total: Year 2 with Adjusted Category 5E & Category 6 Pricing		<u>\$349,781.83</u>

Description

Regulatory Fees/Charges and Taxes

- Hawaii General Excise Tax
- Others

<u>Ref. No.</u>	<u>Rate</u>	x	<u>Sub-Total: Cabling and Support Structures</u>	<u>Total Bid Price</u>
GET	0.04712		\$349,781.83	\$16,481.72
Sub-Total: Regulatory Fees/Charges and Taxes				\$16,481.72
Total: Cabling and Support Structures-YEAR 2				<u>\$366,263.55</u>

CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

YEAR 3

Description

Category 5E

CAT5E Horizontal Cables

Plenum Rated

- (1) 4 Pair, CMP, gray, foot
- (2) 4 Pair, CMP, gray, foot
- 4 Pair, CMP, gray, 1000 ft/spool

Riser Rated

- (1) 4 Pair, CMR, gray, foot
- (2) 4 Pair, CMR, gray, foot
- 4 Pair, CMR, gray, 1000 ft/spool

<u>Ref. No.</u>	<u>Mfg. Model No.</u>	<u>Equip. Unit Price</u>	<u>+</u>	<u>Install Unit Price</u>	<u>=</u>	<u>Total Unit Price</u>	<u>x</u>	<u>Est. Qty.</u>	<u>=</u>	<u>Total Bid Price</u>
CS-001	10032207	0.38		0.75		1.13		10000		\$11,300.00
CS-001	10032207	0.75		1.04		1.79		100000		\$179,000.00
CS-001	10032207	371.07		0.00		371.07		1		\$371.07
CS-002	10032510	0.20		0.75		0.95		1		\$0.95
CS-002	10032510	0.38		1.04		1.42		1		\$1.42
CS-002	10032510	185.55		0.00		185.55		1		\$185.55
CS-014	10032026	0.78		0.74		1.52		1		\$1.52
CS-014	10032026	1.57		1.04		2.61		1		\$2.61
CS-014	10032026	780.86		0.00		780.86		1		\$780.86
CS-015	10032452	0.33		0.74		1.07		1		\$1.07
CS-015	10032452	0.65		1.04		1.69		1		\$1.69
CS-015	10032452	327.68		0.00		327.68		1		\$327.68

Sub-Total: Year 3 Category 5E & Category 6 Cable Increase		\$191,974.42
Year 1 Sub-Total Cabling & Support Structures	\$347,642.09	
Less Year 1 Category 5E & Category 6 Cable	\$187,694.93	
Sub-Total: Year 1 Cabling & Support Structures Less Cat 5E & Cat 6 Cable		\$159,947.16
Sub-Total: Year 3 with Adjusted Category 5E & Category 6 Pricing		\$351,921.58

Description

Regulatory Fees/Charges and Taxes

- Hawaii General Excise Tax
- Others

<u>Ref. No.</u>	<u>Rate</u>	<u>x</u>	<u>Sub-Total: Cabling and Support Structures</u>	<u>Total Bid Price</u>
GET	0.04712		\$351,921.58	\$16,582.54
Sub-Total: Regulatory Fees/Charges and Taxes				\$16,582.54
Total: Cabling and Support Structures-YEAR 3				\$368,504.12

CABLING & SUPPORT STRUCTURE PRICING (CONTINUED)

YEAR 4

Description

Category 5E

CAT5E Horizontal Cables

Plenum Rated

- (1) 4 Pair, CMP, gray, foot
- (2) 4 Pair, CMP, gray, foot
- 4 Pair, CMP, gray, 1000 ft/spool

Riser Rated

- (1) 4 Pair, CMR, gray, foot
- (2) 4 Pair, CMR, gray, foot
- 4 Pair, CMR, gray, 1000 ft/spool

<u>Ref. No.</u>	<u>Mfg. Model No.</u>	<u>Equip. Unit Price</u>	<u>+</u>	<u>Install Unit Price</u>	<u>=</u>	<u>Total Unit Price</u>	<u>x</u>	<u>Est. Qty.</u>	<u>=</u>	<u>Total Bid Price</u>
CS-001	10032207	0.39		0.75		1.14		10000		\$11,400.00
CS-001	10032207	0.77		1.04		1.81		100000		\$181,000.00
CS-001	10032207	379.91		0.00		379.91		1		\$379.91
CS-002	10032510	0.21		0.75		0.96		1		\$0.96
CS-002	10032510	0.39		1.04		1.43		1		\$1.43
CS-002	10032510	189.96		0.00		189.96		1		\$189.96

Category 6

CAT6 Horizontal Cables

Plenum Rated

- (1) 4 Pair, CMP, gray, foot
- (2) 4 Pair, CMP, gray, foot
- 4 Pair, CMP, gray, 1000 ft/spool

Riser Rated

- (1) 4 Pair, CMR, gray, foot
- (2) 4 Pair, CMR, gray, foot
- 4 Pair, CMR, gray, 1000 ft/spool

CS-014	10032026	0.80		0.74		1.54		1		\$1.54
CS-014	10032026	1.61		1.04		2.65		1		\$2.65
CS-014	10032026	799.45		0.00		799.45		1		\$799.45
CS-015	10032452	0.34		0.74		1.08		1		\$1.08
CS-015	10032452	0.67		1.04		1.71		1		\$1.71
CS-015	10032452	335.48		0.00		335.48		1		\$335.48

Sub-Total: Year 4 Category 5E & Category 6 Cable Increase		\$194,114.17
Year 1 Sub-Total Cabling & Support Structures	\$347,642.09	
Less Year 1 Category 5E & Category 6 Cable	-\$187,694.93	
Sub-Total: Year 1 Cabling & Support Structures Less Cat 5E & Cat 6 Cable		\$159,947.16
Sub-Total: Year 4 with Adjusted Category 5E & Category 6 Pricing		\$354,061.33

Description

Regulatory Fees/Charges and Taxes

- Hawaii General Excise Tax
- Others

<u>Ref. No.</u>	<u>Rate</u>	<u>x</u>	<u>Sub-Total: Cabling and Support Structures</u>	<u>Total Bid Price</u>
GET	0.04712		\$354,061.33	\$16,683.37
Sub-Total: Regulatory Fees/Charges and Taxes				\$16,683.37
Total: Cabling and Support Structures- YEAR 4				\$370,744.70

TELEPHONE INSTRUMENT PRICING

See Section 3.16.3 Telephone Instrument Pricing for detailed instructions on how to complete TELEPHONE INSTRUMENT OFFER Form Pages.

<u>Description</u>	<u>Ref. No.</u>	<u>Mfg. Model No.</u>	<u>Equip. Unit Price</u>	+	<u>Install. Unit Price</u>	=	<u>Total Unit Price</u>	X	<u>Est. Qty.</u>	=	<u>Total Bid Price</u>
Analog Single Line Telephones											
Aastra 8004 Platinum (Basic Model, ea) - Discontinued	TI-1	A0780804	\$49.35		\$21.25		\$70.60		10		\$706.00
Aastra 8004 Black (Basic Model, ea)	TI-1	A0780801	\$49.35		\$21.25		\$70.60		10		\$706.00
Aastra 8009 Ash (Programmable Model, ea)- Discontinued	TI-2	A0404589	\$77.02		\$21.25		\$98.27		65		\$6,387.55
Aastra 8009 Black (Programmable Model, ea)-Discontinued	TI-2	A0404585	\$77.02		\$21.25		\$98.27		65		\$6,387.55
Aastra 9316CW Ash (Hands free/Display Model, ea) - Discontinued	TI-3	A0674338	\$160.83		\$21.25		\$182.08		50		\$9,104.00
Aastra 9316CW Black (Hands free/Display Model, ea) - Discontinued	TI-3	A0659641	\$160.83		\$21.25		\$182.08		25		\$4,552.00
Aastra M9110 Charcoal Speakerphone w/Mute(Programmable Model, ea)	TI-12	A1264-0000-10-05	\$55.25		\$21.25		\$76.50		25		\$1,912.50
MiVoice 9116 Black (Hands free/Display Model, ea)	TI-13	A1265-0000-1005	\$93.09		\$21.25		\$114.34		25		\$2,858.50
Analog Two Line Telephones											
Aastra 9417CW Ash (Hands free/Display Model, ea) - Discontinued	TI-4	A0674967	\$197.70		\$21.25		\$218.95		15		\$3,284.25
Aastra 9417CW Black (Hands free/Display Model, ea) - Discontinued	TI-4	A0652243	\$197.70		\$21.25		\$218.95		10		\$2,189.50
Analog Four Line Telephones											
EPIC ET4300 (Four Line Telephone)	TI-5	ET4300	\$247.24		\$21.25		\$268.49		1		\$268.49
Multiline Telephones											
Meridian 5008 Ash (Basic Model, ea) - Discontinued	TI-6	B0240399	\$160.67		\$21.25		\$181.92		20		\$3,638.40
Meridian 5008 Black (Basic Model, ea) - Discontinued	TI-6	B0240401	\$160.67		\$21.25		\$181.92		15		\$2,728.80
Meridian 5208 Ash (Display Model, ea) - Discontinued	TI-7	B0240402	\$261.86		\$21.25		\$283.11		15		\$4,246.65
Meridian 5208 Black (Display Model, ea)	TI-7	B0240404	\$261.86		\$21.25		\$283.11		10		\$2,831.10
Meridian 5316 Ash (Hands free/Display Model, ea) - Discontinued	TI-8	B0240405	\$378.68		\$21.25		\$399.93		35		\$13,997.55
Meridian 5316 Black (Hands free/Display Model, ea)	TI-8	B0240407	\$378.68		\$21.25		\$399.93		20		\$7,998.60
Meridian 5216 Ash (Hands free/Display Headset Compatible, ea) - Discontinued	TI-9	B0240411	\$378.68		\$21.25		\$399.93		1		\$399.93
Meridian 5216 Black (Hands free/Display Headset Compatible, ea)	TI-9	B0240413	\$378.68		\$21.25		\$399.93		1		\$399.93
M522 Meridian Mate Expansion Mod. Ash (Expansion Module, ea) - Discontinued	TI-10	B0240408	\$129.87		\$21.25		\$151.12		1		\$151.12
M522 Meridian Mate Expansion Mod. Black (Expansion Module, ea) - Discontinued	TI-10	B0240410	\$129.87		\$21.25		\$151.12		1		\$151.12
M522 Expansion Module Single Stand Ash ea - Discontinued	TI-10	P0780135	\$10.80		\$0.00		\$10.80		1		\$10.80
M522 Expansion Module Single Stand Black ea - Discontinued	TI-10	P0780103	\$10.80		\$0.00		\$10.80		1		\$10.80
M522 Expansion Module Double Stand Ash ea - Discontinued	TI-10	P0780235	\$21.60		\$0.00		\$21.60		1		\$21.60
M522 Expansion Module Double Stand Black ea - Discontinued	TI-10	P0780203	\$21.60		\$0.00		\$21.60		1		\$21.60

TELEPHONE INSTRUMENT PRICING (CONTINUED)

<u>Description</u>	<u>Ref. No.</u>	<u>Mfg. Model No.</u>	<u>Equip. Unit Price</u>	+	<u>Install. Unit Price</u>	=	<u>Total Unit Price</u>	X	<u>Est. Qty.</u>	=	<u>Total Bid Price</u>
Ancillary Equipment											
ISDN Telephones											
Tone Commander 6210T 10 Button Black (Basic Model., S/T Interface, Blk)	TI-11a	1010280002	\$352.89		\$106.25		\$459.14		1		\$459.14
Tone Commander 6210T 10 Button White (Basic Model., S/T Interface, Wht)	TI-11b	1010280004	\$352.89		\$106.25		\$459.14		1		\$459.14
Tone Commander 6210U 10 Button Black (Basic Model, U Interface, Blk)	TI-11c	1010282002	\$468.34		\$106.25		\$574.59		1		\$574.59
Tone Commander 6210U 10 Button White (Basic Model, U Interface, Wht)	TI-11d	1010282004	\$468.34		\$106.25		\$574.59		1		\$574.59
Tone Commander 6220T 20 Button Black (Advance Model, S/T Interface,Blk)	TI-11e	1010280001	\$429.86		\$106.25		\$536.11		1		\$536.11
Tone Commander 6220T 20 Button White (Advance Model, S/T Interface,Wht)	TI-11f	1010280003	\$429.86		\$106.25		\$536.11		1		\$536.11
Tone Commander 6220U 20 Button Black (Advanced Model, U Interface,Blk)	TI-11g	1010282001	\$545.32		\$106.25		\$651.57		1		\$651.57
Tone Commander 6220U 20 Button White (Advanced Model, U Interface,Wht)	TI-11h	1010282003	\$545.32		\$106.25		\$651.57		1		\$651.57
Tone Commander 6030X 30 Button Expansion Module Black	TI-11i	1010286601	\$332.94		\$106.25		\$439.19		1		\$439.19
Tone Commander 6030X 30 Button Expansion Module White	TI-11j	1010286602	\$332.94		\$106.25		\$439.19		1		\$439.19
Other ISDN Ancillary Equipment											
NT1B-300TC Desktop/Rack Mount NT1 (Network Termination Unit)	TI-11k	1010293101	\$156.87		\$93.50		\$250.37		1		\$250.37
901034-01 Desktop Power Supply (Network Term. Power Supply, U phones)	TI-11l	1090103401	\$42.35		\$21.25		\$63.60		1		\$63.60
NT1B-300 Rack with Power Supply (Rack & Power Supply)	TI-11m	1010293201	\$1,123.73		\$510.00		\$1,633.73		1		\$1,633.73
Tone Commander 102933, NT1B-300 Rack Locking Unit (Rack Locking Unit)	TI-11n	1010293301	\$71.37		\$42.50		\$113.87		1		\$113.87
NT1-200 Battery Backup For NT1B-300 Rack	TI-11o	1010270001	\$673.25		\$297.50		\$970.75		1		\$970.75
NT1-200 Add-on Battery for NT1-200	TI-11p	1010269601	\$570.98		\$255.00		\$825.98		1		\$825.98
Tone Commander PS-50 ISDN Power Supply	TI-11q	1010291501	\$555.94		\$510.00		\$1,065.94		1		\$1,065.94
											Sub-Total: Telephone Instruments
											<u>\$85,209.78</u>
Regulatory Fees/Charges and Taxes											
Hawaii General Excise Tax	GET		0.04712				\$85,209.78				\$4,015.08
Others											
											Sub-Total: Regulatory Fees/Charges and Taxes
											<u>\$4,015.08</u>
											Total: Telephone Instruments
											<u><u>\$89,224.86</u></u>

Note: Customer may pick up item from Hawaiian Telcom's baseyard or request item be shipped. If shipped, a \$10.00 drop ship charge (SP-32) per item will apply in addition to the equipment price.

TRANSPORT PRICING

See Section 3.16.4 Network/Transport Pricing for detailed instructions on how to complete OFFER Form Pages.

<u>Description</u>	<u>Ref. No.</u>	<u>One Time Charge</u>	<u>Monthly Unit Price</u>	x	<u>Estimated Quantity</u>	=	<u>Total Monthly Bid Price</u>	<u>Taxes/Surcharges</u>
Transport								
DS-3 CDL Connect, ea	NT-1	\$0.00	\$1,200.00		2		\$2,400.00	PUC; HIS
DS-3 Interisland Transport, ea	NT-2	\$0.00	\$3,500.00		1		\$3,500.00	PUC; HIS
DS-1 CO Connect, ea	NT-3	\$0.00	\$150.00		5		\$750.00	PUC; HIS
DS-1 Service Activation, ea	NT-4	\$0.00	\$20.00		25		\$500.00	PUC; HIS
Microwave Integration, ea	NT-5	\$0.00	\$0.00		8		\$0.00	PUC; HIS
Sub-Total: Transport							<u>\$7,150.00</u>	

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Unit Price</u>	x	<u>Estimated Quantity</u>	=	<u>Total Monthly Bid Price</u>
Regulatory Fees/Charges and Taxes (by line)						
Interstate Subscriber Line Charge	_____	\$0.00				\$0.00
Federal Universal Service Fee	_____	\$0.00				\$0.00
Statewide Emergency Service Surcharge	_____	\$0.00				\$0.00
Telecommunications Relay Service Surcharge	_____	\$0.00				\$0.00
Sub-Total: Regulatory Fees/Charges and Taxes						<u>\$0.00</u>

TRANSPORT PRICING (CONTINUED)

<u>Description</u>	<u>Ref. No.</u>	<u>Monthly Rate</u>	x	<u>Sub-Total: Transport Ss or Revised Sub-Total: \$\$</u>	=	<u>Total Monthly Bid Price</u>
Regulatory Fees/Charges and Taxes (by dollar amount)						
PUC Service Fee	PUC	0.0025		\$7,150.00		\$17.88
Hawaii General Excise Tax						\$0.00
Others	HIS	0.1123		7,150.00		\$802.95
						<u>\$820.83</u>
						<u>\$7,970.83</u>

<u>Description</u>	<u>Ref. No.</u>	<u>One Time Charge</u>	<u>Monthly Unit Price</u>	x	<u>Estimated Quantity</u>	=	<u>Total Monthly Bid Price</u>
Optional Network Proposal*							
Connection with Sandwich Isles Communications, Inc.							
Sandwich Isles 5-Digit Dialing Integration, ea	NT-6a	\$55.00	\$0.00		0		\$0.00
Sandwich Isles Interisland Toll Free Dialing Integration, ea	NT-6b	\$55.00	\$0.00		0		\$0.00
Molokai and Lanai AIN Integration							
5-Digit Dialing Integration, per Kaunakakai, Molokai & Lanai City, Lanai host central offices on the two islands	NT-7	\$500.00	\$0.00		0		\$0.00
Interisland Toll Free Dialing Integration, ea, per island	NT-8	n/a	\$2,087.04		0		\$0.00
							<u>\$0.00</u>

*Offerors are requested to submit pricing for these services. Offerors; however, need not bid on this section to qualify for award. The State shall have the option of accepting or declining the Offeror's proposal and including these services in the contract award.
 ** Charges for the required ISDN PRI trunk connections are not included and would be dependent on the interconnect agreement, as noted in NT-6a and NT-6b.

SERVICE PROVISIONING PRICING (ADDS, MOVES, CHANGES, AND DISCONNECTS)

See Section 3.16.5, Service Provisioning Pricing for detailed instructions on how to complete OFFER Form Pages.

<u>Description</u>	<u>Ref. No.</u>	<u>One Time Charge</u>	x	<u>Annual Est. Qty</u>	=	<u>Total Bid Price</u>	<u>Taxes/Surcharges</u>
Dial Tone The charge that will be assessed for installing dial tone for a new telephone line.	SP-1	\$60.50		200		\$12,100.00	PUC; HIS
Jacks and Wiring CAT5E Install from 1 to 10 new customer lines at any location with RJ series dual modular jacks, 150 ft. or two 4-pair UTP plenum CAT5E wiring, and associated equipment.	SP-2	\$298.43		900		\$268,587.00	GET
Jacks and Wiring CAT6 Install from 1 to 10 new customer lines at any location with RJ series dual modular jacks, 150 ft. or two 4-pair UTP plenum CAT6 wiring, and associated equipment.	SP-34	\$433.43		1		\$433.43	GET
Travel Without Dial Tone When jacks and wiring are installed without dial tone the (LR-4) Travel Charge will be assessed. SP-3 is for the travel associated with the installation of horizontal cabling only to the IDF.	SP-3	\$40.00		200		\$8,000.00	GET
Inside Move Same Facility Move telephone service to a new location within the same facility including all network changes. Using existing jack (line).	SP-4	\$46.00		250		\$11,500.00	PUC; HIS
Software Swap Analog Software swap between two existing analog stations; no field work	SP-5	\$22.50		50		\$1,125.00	PUC; HIS
Software Change Make network software changes (e.g. station features, class of service, modification of system configuration, etc.) to an existing telephone service. (line)	SP-6	\$14.00		1,000		\$14,000.00	PUC; HIS
Disconnect Disconnect telephone service. (line)	SP-7	\$0.00		500		\$0.00	
Central Office Activation Installation of a new line to an existing jack.	SP-8	\$30.00		40		\$1,200.00	PUC; HIS

SERVICE PROVISIONING PRICING (CONTINUED)

<u>Description</u>	<u>Ref. No.</u>	<u>One Time Charge</u>	<u>x</u>	<u>Annual Est. Qty.</u>	<u>=</u>	<u>Total Bid Price</u>	<u>Taxes/Surcharges</u>
Other Charges							
Service Order 1st Line (line)	SP-9	\$26.00		1		\$26.00	PUC; HIS
Service Order Additional Line (line)	SP-10	\$7.50		1		\$7.50	PUC; HIS
Subsequent Service Order (line)	SP-11	\$8.50		1		\$8.50	PUC; HIS
Network Connection (line)	SP-12	\$21.50		1		\$21.50	PUC; HIS
Network Connection Change/Retermination (line)	SP-13	\$7.00		1		\$7.00	PUC; HIS
Software Change (line)	SP-14	\$5.50		1		\$5.50	PUC; HIS
Travel Dial Tone	SP-15	\$30.50		1		\$30.50	PUC; HIS
Voice Mail	SP-16	\$2.50		1		\$2.50	GET
Voice Mail - 1st Mail Box - Existing Access Line	SP-17	\$16.50		1		\$16.50	GET
Voice Mail - Subsequent Mail Box Existing Access Line - Same Order	SP-18	\$8.00		1		\$8.00	GET
Disconnect Voice Mail (line)	SP-19	\$0.00		1		\$0.00	
Install ACD Service (ea.)	SP-20	\$59.50		1		\$59.50	PUC; HIS
Install Call Center Manager ACD Service and Software (ea.)	SP-21	\$100.00		1		\$100.00	PUC; HIS
ISDN BRI Centrex 1st Line	SP-22	\$78.00		1		\$78.00	PUC; HIS
ISDN BRI Centrex Additional Lines - Same Order, Same Location	SP-23	\$29.00		1		\$29.00	PUC; HIS
Call Center Manager Software 2.1 (ea.)	SP-24	\$1,901.11		1		\$1,901.11	GET
Install DSL Service (line)	SP-25	\$50.00		1		\$50.00	GET
Install DSL Service Discount (line)	SP-26	(\$50.00)		1		(\$50.00)	(GET)
Communication Records System	SP-27	\$105,000.00		1		\$105,000.00	GET
Communication Records System Annual Maintenance	SP-28	\$49,920.00		1		\$49,920.00	GET
Training Class - BICSI (One TSB Personnel)	SP-29	\$6,720.50		1		\$6,720.50	GET
Training Class - BICSI - Additional Personnel	SP-30	\$5,052.25		2		\$10,104.50	GET
Training Class - VOIP	SP-31	\$3,750.00		3		\$11,250.00	GET
Dropship Charge	SP-32	\$10.00		1		\$10.00	GET
Delivery Charge	SP-33	\$85.00		1		\$85.00	GET

Sub-Total: Service Provisioning \$502,336.54

Description
Regulatory Fees/Charges and Taxes (by dollar amount)
PUC
Hawaii General Excise Tax
Others

<u>Ref. No.</u>	<u>Rate</u>	<u>x</u>	<u>Sub-Total: Service Provisioning</u>	<u>=</u>	<u>Total Bid Price</u>
PUC	0.0025		\$40,298.00		\$100.75
GET	0.04712		#REF!		#REF!
HIS	0.1123		\$40,298.00		\$4,525.47
Sub-Total: Regulatory Fees/Charges and Taxes					#REF!
Total: Service Provisioning					#REF!

LABOR RATE PRICING

See Section 3.16.6, Labor Rate Pricing for detailed instructions on how to complete OFFER Form Pages.

<u>Description</u>	<u>Ref. No.</u>	<u>One Time Charge</u>	x	<u>Annual Est. Qty</u>	=	<u>Total Bid Price</u>
Regular Work Hours Minimum Labor Charge (1/2 hour or fraction of hour) (Charge applies to Service Provisioning per service order for addition/relocation of line(s) requiring a site visit and also applies to repair.)	<u>LR-1</u>	<u>\$42.50</u>				<u>\$0.00</u>
Bidding Basic Labor Charge (Minimum & Basic Labor Charge converted to rate for bid pricing for authorized work performed during either normal State or normal Offeror hours) (Charge applies to Service Provisioning per service order for addition/relocation of line(s) requiring a site visit and also applies to repair.)	<u>LR-2</u>	<u>\$170.00</u>		200		<u>\$34,000.00</u>
Basic Labor Charge (Charge applies to Service Provisioning per service order for addition/relocation of line(s) requiring a site visit and also applies to repair.)	<u>LR-3</u>	<u>\$21.25</u>		0		<u>\$0.00</u>
Travel Charge (Charge applies to Service Provisioning per service order for addition/relocation of line(s) requiring a site visit and also applies to repair.)	<u>LR-4</u>	<u>\$40.00</u>		200		<u>\$8,000.00</u>
After Hours & Saturdays Minimum Overtime Labor Charge (1/2 hour or fraction of hour) (Charge applies to Service Provisioning per service order for addition/relocation of line(s) requiring a site visit and also applies to repair.)	<u>LR-5</u>	<u>\$63.75</u>				<u>\$0.00</u>
Bidding Overtime Labor Charge (Minimum Overtime & Overtime Labor Charge converted to rate for bid pricing for authorized work performed outside of normal State or normal Offeror hours) (Charge applies to Service Provisioning per service order for addition/relocation of line(s) requiring a site visit and also applies to repair.)	<u>LR-6</u>	<u>\$255.03</u>		20		<u>\$5,100.60</u>
Overtime Labor Charge (Charge applies to Service Provisioning per service order for addition/relocation of line(s) requiring a site visit and also applies to repair.)	<u>LR-6a</u>	<u>\$31.88</u>		0		<u>\$0.00</u>

LABOR RATE PRICING (CONTINUED)

Travel Charge (Charge applies to Service Provisioning per service order for addition/relocation of line(s) requiring a site visit and also applies to repair.)	<u>LR-4</u>	<u>\$40.00</u>	20	<u>\$800.00</u>
Sundays & Offeror Holidays				
Minimum Premium Overtime Labor Charge (1/2 hour or fraction of hour) (Charge applies to Service Provisioning per service order for addition/relocation of line(s) requiring a site visit and also applies to repair.)	<u>LR-7</u>	<u>\$85.00</u>	0	<u>\$0.00</u>
Bidding Premium Overtime Labor Charge (Minimum Premium Overtime & Premium Overtime Labor Charge converted to rate for bid pricing for authorized work performed outside of normal State and normal Offeror hours) (Charge applies to Service Provisioning per service order for addition/relocation of line(s) requiring a site visit and also applies to repair.)	<u>LR-8</u>	<u>\$340.00</u>	10	<u>\$3,400.00</u>
Premium Overtime Labor Charge (Charge applies to Service Provisioning per service order for addition/relocation of line(s) requiring a site visit and also applies to repair.)	<u>LR-8a</u>	<u>\$42.50</u>	0	<u>\$0.00</u>
Travel Charge (Charge applies to Service Provisioning per service order for addition/relocation of line(s) requiring a site visit and also applies to repair.)	<u>LR-4</u>	<u>\$40.00</u>	10	<u>\$400.00</u>
			Sub-Total: Labor Rate	<u><u>\$51,700.60</u></u>

Description
Regulatory Fees/Charges and Taxes
Hawaii General Excise Tax
Others

<u>Ref. No.</u>	<u>Rate</u>	<u>x Sub-Total: Labor Rate</u>	=	<u>Total Bid Price</u>
<u>GET</u>	<u>0.04712</u>	<u>\$51,700.60</u>		<u>\$2,436.13</u>
				<u>\$0.00</u>
		Sub-Total: Regulatory Fees/Charges and Taxes		<u><u>\$2,436.13</u></u>
		Total: Labor Rate		<u><u>\$54,136.73</u></u>