

Labor
ECEM

NCSX WBS 5 M&S Summary 8-15-03 kwt

Labor
600

Computer Division Labor	
Baseline requiriements	40
Final Design review	40
Procurement, Installation, test	520
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LOE for 2003	24
LOE for 2004	24
LOE for 2005	24

EESM

Installation of racks, hubs, power, day zero fiber 1040

1340

	Estimates based on recent fiber install estimate made by Powers Electric for the Jwertenbaker Job.	
Network	(1500' install vs. 1625' rules the same)	
Network	Sub contractor Installation of fiber & conduit(both net&diag 60 strand pull	400
Network	Sub contractor - add to include 4 pulls vs. 1 above	100
Network	Parts for the install	
Network	Termination of fiber(subcontractor)	
Network	(24 a day=480/24=20days+5 to check)	200
Diagnostics	300' install	
Diagnostics	Sub contractor Installation of fiber & conduit	80
Diagnostics	Parts for the install	
Diagnostics	Termination of fiber(subcontractor)	
Diagnostics	(24 a day=576/24=24days+6 to check)	260
I&C fiber Installation	Sub contractor fiber installation w/ 12 connections to follow power route from fcpc to ncsx tc	300
DSO Network Installation	Cancelled for Day Zero -2 tables in house vs. subcon	-1056

EADM

160

Diagnostics	Drafting
Network	Drafting

Fiber Optic Parts Network

#1 M&S Ethernet hubs and port modules at DAS,S1,FCPC & Dsite MG

\$ 50,000.00

see file ncsx_ctrn_8-12.xls kwt 8-12-03 was 1/17/01

#2 M&S Terminations, F/O patch panels & cable mgmt., patch cables

Fiber Optic Parts	Description	Siecor PN	Network	Cost	Total Cost
Network	12 panel rack-mount housing	CCH-04U	3	\$ 264.22	\$ 792.66
Network	Universal cable clamp	CCH-UCC-Kit	3	\$ 14.71	\$ 44.13
Network	Jumper Management panel	CJP-01U	3	\$ 44.31	\$ 132.93
Network	MM MT-RJ panel w/6 First Link	CCH-CP12-M7	4	\$ 89.13	\$ 356.52
Network	MM MT-RJ panel w/12 First Link	CCH-CP24-97	0	\$ 165.00	\$ -
Network	MT-RJ Unicam connector	92-001-97-P	24	\$ 14.97	\$ 359.28
Network	Unicam installation kit	TKT-UNICAM	1	\$ 963.00	\$ 963.00
Network	Zipcord MTRJ > MTRJ +/-6'	?xxx?	3	\$ 40.00	\$ 120.00
Network	(patch 3 networks together)				\$ -
Network	Zipcord MTRJ > MTRJ +/-50'	?xxx?	3	\$ 75.00	\$ 225.00
Network	(patch 24 test cell connections)				\$ -
Network	Spares extras 10% 1st link & unicams & zipcord patches				\$ -
					\$ 2,993.52

Fiber Optic Parts Diagnostics

	Description	Siecor PN	Network	Cost	Total Cost
Diagnostics	12 panel rack-mount housing	CCH-04U	3	\$ 264.22	\$ 792.66
Diagnostics	Universal cable clamp	CCH-UCC-Kit	3	\$ 14.71	\$ 44.13
Diagnostics	Jumper Management panel	CJP-01U	3	\$ 44.31	\$ 132.93
Diagnostics	MM MT-RJ panel w/6 First Link	CCH-CP12-M7	4	\$ 89.13	\$ 356.52
Diagnostics	MM MT-RJ panel w/12 First Link	CCH-CP24-97	0	\$ 165.00	\$ -
Diagnostics	MT-RJ Unicam connector	92-001-97-P	24	\$ 14.97	\$ 359.28
Diagnostics	Unicam installation kit	TKT-UNICAM	1	\$ 963.00	\$ 963.00
Diagnostics	Zipcord MTRJ > MTRJ +/-6'	?xxx?	12	\$ 40.00	\$ 480.00
Diagnostics	(patch 3 networks together)				\$ -
Diagnostics	Zipcord MTRJ > MTRJ +/-50'	?xxx?	12	\$ 75.00	\$ 900.00
Diagnostics	(patch 24 test cell connections)				\$ -
Diagnostics	Spares extras 10% 1st link & unicams & zipcord patches				\$ -
					\$ 4,028.52
					\$ 7,022.04

#3 M&S Hardware Maintenance									\$ 6,400.00
#4 M&S Fiber Optic cable									
Network	60 Fiber MIC riser cable	048K81-61130-24	400	\$ 7.45	\$ 2,980.00				
Diagnostics	60 Fiber MIC riser cable	048K81-61130-24	800	\$ 7.45	\$ 5,960.00				
I&C	72 Fiber MIC riser cable(60MM w/ 12 SM)*2 cables		2000	\$ 10.00	\$ 20,000.00				
#5 M&S Firewall, Gig-E tester									
				\$ -					\$ 28,940.00
									<u>\$ 92,362.04</u>
ncsx_re-estimate-9-15-03 kwt was 1/17/01 /8-03									