

05624

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE DC Rec'd 6/02/95	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. Seven (7)	3. EFFECTIVE DATE OCT 18 1995	4. REQUISITION/PURCHASE REQ. NO. IRM-94-188 dated 5/25/95	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Nuclear Regulatory Commission Division of Contracts FIP Acquisition Branch Mail Stop T-7-12 Washington, D.C. 2055		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP code) Prime: US Small Business Administration 475 Allendale Road King of Prussia, PA 19406-1415 Sub: Pulsar Data Systems 5000 Philadelphia Way Lanham, MD 20706 Contact: Debra Iglesias-(301) 459-2650		9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-33-94-188 10B. DATED (SEE ITEM 13) January 26, 1994	
CODE		FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers ☐ is extended, ☐ is not extended. Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
Not Applicable

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 3.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE NEXT PAGE FOR CONTINUATION OF THIS MODIFICATION.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) DEBRA A. IGLESIAS Director of Contracts	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Mary Jo Mattia, Contracting Officer
15B. CONTRACTOR/OFFEROR <i>Debra Iglesias</i> (Signature of person authorized to sign)	15C. DATE SIGNED 10/18/95
16B. UNITED STATES OF AMERICA BY <i>Pandora Kenney</i> (Signature of Contracting Officer)	16C. DATE SIGNED 10/12/95

NIN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

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The purpose of this modification is to:

- (1) revise Paragraph C.1.1. - General to revise the list of offices requiring data communication services; and
- (2) provide for a change to allow for the addition of contract line items (hardware, installation, and maintenance) to the Master CLIN List as reflected under Section J. Attachment 5 of the subject contract.

Accordingly, the following changes are hereby made:

1. Under Paragraph C.1.1. - General, the list of locations requiring data communication services is hereby deleted in its entirety and substituted in lieu thereof the following:

"C.1.1 - General

The Nuclear Regulatory Commission (NRC) is located in five (5) geographic areas of the United States with specific main organizational offices at the following locations:

- Headquarters - One White Flint North (OWFN);
11555 Rockville Pike, Rockville, Maryland and Two
White Flint North (TWFN); 11545 Rockville Pike,
Rockville, Maryland
- Region I
475 Allendale Road
King of Prussia, Pennsylvania
- Region II
101 Marietta Street, Suite 2900
Atlanta, Georgia 30323-0199
- Region III
801 Warrenville Road, Suite 200
Lisle, Illinois 60532-4351
- Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, Texas 76011-8064

with smaller offices at the following locations:

- Public Document Room
2120 L Street, N.W.
Washington, D.C.
- Technical Training Center
5700 Brainerd Road
Chattanooga, Tennessee
- Southwest Research Institute
6220 Culebra Road
San Antonio, Texas
- INEL
1155 Foote Drive
Computer Sciences Center
Idaho Falls, Idaho
- Walnut Creek Field Office
1450 Maria Lane
Walnut Creek, California
- Center for Nuclear Waste Regulatory Analysis
12300 Twinbrook Parkway, Suite 210
Rockville, Maryland
- USNRC Warehouse
5000 Boiling Brook Parkway
Rockville, Maryland
- M-Cubed Information Systems, Inc.
Montrose Office Park
3206 Tower Oaks Boulevard, Suite 210
Rockville, Maryland
- Anstech, Inc.
40 West Gude Drive
Rockville, Maryland
- Applied Management Systems, Inc.
5515 Security Lane
Rockville, Maryland

2. Under Paragraph J - Attachments, Attachment 5 - Master CLIN List is hereby deleted in its entirety and substituted in lieu thereof a revised Attachment 5 which is attached to this contract modification.

All other terms and conditions under this contract, including the ceiling amount of \$2,539,650 remains unchanged.

Nuclear Regulatory Commission
NRC-33-84-188
Master Clin List

CLIN	Engineering Change and Product Refreshment	Part Number	Supplier	Qty	Pulsar's Unit Cost	2.30% M&H	7.66% G&A	6.26% Fee	NRC's Unit Price	NRC's Est. Price	FEE 5.00% Base Unit Monthly Maint. Price	FEE 5.00% Base Unit Install Price	NRC's Total Price
0001	Link 2+ Chassis Redundant Multinet Control Unit Price Includes Mainframe 2 ea. Network Modules(NCL)w/Phase 10 SoftLoad 2 ea. Power Supplies (PS/L1) 1 ea. TRP Cable 1 ea. 15' MDI Data Link Cable 1 ea. Users Guide	L2020-1/SL	Timeplex	1	\$11,802.80	\$271.45	\$924.89	\$813.75	\$13,812.90	\$13,812.90	\$435.21	\$2,156.86	\$21,192.20
0002	Redundant Expansion Mainframe Price Includes Mainframe/Cables 2 ea. Power Supplies (PS/L1) 1 ea. Redundant Driver Module (DRC2) 1 ea. Redundant Drive Module (DRE2) 1 ea. Power Supply Chassis	L2021C	Timeplex	1	\$7,125.00	\$163.88	\$558.33	\$491.24	\$8,338.45	\$8,338.45	\$435.21	\$2,156.86	\$15,717.83
0003	Link/2+ Aggregate Trunk Modules Integrated Trunk Module - supports N x 56/64kbps bundled output DSX Interface	ILQ 1	Timeplex	1	\$7,460.00	\$148.58	\$506.22	\$445.39	\$7,560.19	\$7,560.19	\$0.00	\$0.00	\$7,560.19
0004	Redundant ILQ 1	ILQ 1 (rdnt)	Timeplex	1	\$6,460.00	\$148.58	\$506.22	\$445.39	\$7,560.19	\$7,560.19	\$0.00	\$0.00	\$7,560.19
0005	Module w/ADPCM option, DSX-1 Interface	ILP 6	Timeplex	1	\$6,608.20	\$151.99	\$517.83	\$455.60	\$7,733.62	\$7,733.62	\$0.00	\$0.00	\$7,733.62
0006	Bypass Module	BPM	Timeplex	1	\$2,143.20	\$49.29	\$167.94	\$147.76	\$2,508.19	\$2,508.19	\$0.00	\$0.00	\$2,508.19
0007	Bipolar Framing Module	BFM	Timeplex	1	\$912.00	\$20.98	\$71.47	\$62.88	\$1,067.33	\$1,067.33	\$0.00	\$0.00	\$1,067.33
0008	Interlink Module for LINK/2-RS422 Interface w/Phase 10 SoftLoad	ILC 2/SL	Timeplex	1	\$2,295.20	\$52.79	\$179.86	\$158.24	\$2,686.09	\$2,686.09	\$0.00	\$0.00	\$2,686.09
0009	Link Framing Module supports Nx56/64kbps output	LFM 10	Timeplex	1	\$1,864.40	\$38.28	\$130.43	\$114.75	\$1,947.86	\$1,947.86	\$0.00	\$0.00	\$1,947.86
0010	Network Module w/Phase 10 SoftLoad	NCL/SL	Timeplex	1	\$2,926.00	\$67.30	\$229.29	\$201.73	\$3,424.32	\$3,424.32	\$0.00	\$0.00	\$3,424.32
0011	Driver Module w/On-Board Redundancy Control Unit	DRC2	Timeplex	1	\$1,010.80	\$23.25	\$79.21	\$69.89	\$1,182.95	\$1,182.95	\$0.00	\$0.00	\$1,182.95
0012	Driver Module w/On-Board Redundancy Expansion	DRE2	Timeplex	1	\$1,010.80	\$23.25	\$79.21	\$69.89	\$1,182.95	\$1,182.95	\$0.00	\$0.00	\$1,182.95
0013	Power Supply (115/230VAC)	PS/L1	Timeplex	1	\$1,645.40	\$37.84	\$128.94	\$113.44	\$1,925.62	\$1,925.62	\$0.00	\$0.00	\$1,925.62
0014	Link/2+ I/O Modules 4-Port Sync Data Module RS-232	QSC	Timeplex	1	\$2,401.60	\$55.24	\$188.19	\$165.58	\$2,810.61	\$2,810.61	\$0.00	\$0.00	\$2,810.61
0015	4-Port Sync Data Module RS-422	QSC 2	Timeplex	1	\$2,401.60	\$55.24	\$188.19	\$165.58	\$2,810.61	\$2,810.61	\$0.00	\$0.00	\$2,810.61
0016	4-Port Sync Data Module V.35	QSC 4	Timeplex	1	\$2,910.80	\$68.95	\$228.10	\$200.69	\$3,408.54	\$3,408.54	\$0.00	\$0.00	\$3,408.54
0017	4-Port Sync Polling Module RS-422	QSP 2	Timeplex	1	\$4,104.00	\$94.39	\$321.60	\$282.95	\$4,802.94	\$4,802.94	\$0.00	\$0.00	\$4,802.94
0018	4-Port Sync Polling Module V.35	QSP 4	Timeplex	1	\$4,598.00	\$105.75	\$360.31	\$317.01	\$5,381.07	\$5,381.07	\$0.00	\$0.00	\$5,381.07
0019	4-Port Sync Polling Module, 2 ea. RS422/V.35	QSP 8	Timeplex	1	\$4,351.00	\$100.07	\$340.95	\$299.98	\$5,092.00	\$5,092.00	\$0.00	\$0.00	\$5,092.00
0020	4-Port Voice Module ADPCM/PCM	QVIR 3	Timeplex	1	\$2,329.40	\$53.5	\$182.54	\$160.80	\$2,726.12	\$2,726.12	\$0.00	\$0.00	\$2,726.12
0021	Channel Service Units TNDS 1400 3.5" Basic Configuration holds 2 CSU's	ZZ97941	Timeplex	1	\$2,585.00	\$59.00	\$201.00	\$176.85	\$3,001.85	\$3,001.85	\$38.43	\$338.13	\$3,802.14
0022	TNDS 1400 10.5" Basic Configuration holds 14 CSU's	ZZ97942	Timeplex	1	\$3,705.00	\$85.22	\$290.33	\$255.44	\$4,335.99	\$4,335.99	\$54.26	\$678.26	\$5,665.37
0023	TNDS LC01 TNDS CSU Line Module	ZZ97943	Timeplex	1	\$2,085.25	\$47.98	\$163.40	\$143.77	\$2,440.38	\$2,440.38	\$31.65	\$0.00	\$2,820.18
0023A	Fractional Network Access DSU/CSU (Access-T)	Access-T-201	Larscom	1	\$1,763.90	\$40.57	\$138.22	\$121.61	\$2,064.30	\$2,064.30	\$0.00	\$0.00	\$2,064.30
0023B	Fractional Network Access DSU/CSU (Split-T)	Split-T-201	Larscom	1	\$2,535.80	\$58.32	\$198.71	\$174.83	\$2,967.66	\$2,967.66	\$0.00	\$0.00	\$2,967.66
0024	Time View 2000 Network Management System Time View System Hardware(Sun Platform SPARC 10)	TV-H34CD	Timeplex	1	\$22,415.00	\$515.55	\$1,756.48	\$1,545.41	\$26,232.44	\$26,232.44	\$282.81	\$678.26	\$30,302.02
0025	Network Attachment Cable 50'	TV-CABL 50'	Timeplex	1	\$80.00	\$2.07	\$7.05	\$6.20	\$105.32	\$105.32	\$0.00	\$0.00	\$105.32
0026	Texas Instrument MicroLaser PS17	TV-TIPR	Timeplex	1	\$2,095.00	\$71.19	\$242.53	\$213.39	\$3,622.11	\$3,622.11	\$58.52	\$0.00	\$4,300.35
0027	Link/2+ Network Management Software License	TV-2000	Timeplex	1	\$4,275.00	\$96.33	\$335.00	\$294.74	\$5,003.07	\$5,003.07	\$169.58	\$678.26	\$7,716.05
0028	Link/2+ Network Management Software License(copy)	TV-2000	Timeplex	1	\$2,137.50	\$49.16	\$167.50	\$147.37	\$2,501.53	\$2,501.53	\$169.58	\$678.26	\$5,214.51
0029	Access License for up to 10 Nodes	TV-2000-10	Timeplex	1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0030	Teletype 9320A Terminal	ZZ97885	Timeplex	1	\$510.00	\$11.73	\$39.95	\$35.18	\$596.85	\$596.85	\$6.78	\$169.58	\$847.77

Nuclear Regulatory Commission
NRC-33-94-188
Master Clin List

CLIN	Engineering Change and Product Refreshment	Part Number	Supplier	Qty.	Pulsar's Unit Cost	2.30% M&H	7.66% G&A	6.26% Fee	NRC's Unit Price	NRC's Ext. Price	FEE 5.00% Base Unit Monthly Maint. Price	FEE 5.00% Base Unit Install Price	NRC's Total Price
Ancillary Equipment													
0031	DCE RS-232 I/O Port 50' Cable(M or F)	LC232-50'	Timeplex	1	\$76.95	\$1.77	\$6.03	\$5.31	\$90.06	\$90.06	\$0.00	\$0.00	\$90.06
0032	DCE v.35 I/O Port 50' Cable(M or F)	QSCE-50'	Timeplex	1	\$171.00	\$3.93	\$13.40	\$11.79	\$200.12	\$200.12	\$0.00	\$0.00	\$200.12
0033	DCE RS-449 I/O Port 50' Cable(M or F)	LC449-50'	Timeplex	1	\$107.35	\$2.47	\$8.41	\$7.40	\$125.63	\$125.63	\$0.00	\$0.00	\$125.63
0034	Cabinet(Blue)	97234 -2	Timeplex	1	\$2,074.80	\$47.72	\$182.59	\$143.05	\$2,428.16	\$2,428.16	\$0.00	\$0.00	\$2,428.16
0035	Telco Adapter to Punch Down 50 pin Cable	Telco Cable	Timeplex	1	\$128.25	\$2.95	\$10.05	\$8.84	\$150.09	\$150.09	\$0.00	\$0.00	\$150.09
0036	Punch Down Block for Voice Cable Termination	PDB	Timeplex	1	\$81.70	\$1.88	\$6.40	\$5.63	\$95.61	\$95.61	\$0.00	\$0.00	\$95.61
0037	Telco Adapter for QVM.3	Telco Adpt	Timeplex	1	\$95.00	\$2.19	\$7.44	\$6.55	\$111.18	\$111.18	\$0.00	\$0.00	\$111.18
0038	Manufacturing of Special Cables - \$2.50 per foot (Special Quote)												
Time Design Software													
0039	Base Application 10-Nodes	ZZ125444-10	Timeplex	1	\$5,175.00	\$142.03	\$483.88	\$425.74	\$7,226.65	\$7,226.65	\$339.13	\$678.26	\$11,974.47
0040	Ascom Timeplex Device Library	ZZ125445-10	Timeplex	1	\$4,840.00	\$113.62	\$387.11	\$340.59	\$5,781.32	\$5,781.32	\$0.00	\$0.00	\$5,781.32
0041	Design Toolkit	ZZ125446-10	Timeplex	1	\$2,850.00	\$65.55	\$223.33	\$196.49	\$3,335.37	\$3,335.37	\$0.00	\$0.00	\$3,335.37
0042	Data Bridge	ZZ125447 -10	Timeplex	1	\$2,375.00	\$54.83	\$186.11	\$163.75	\$2,779.49	\$2,779.49	\$0.00	\$0.00	\$2,779.49
0043	Tariff Manager	ZZ125448-10	Timeplex	1	\$2,850.00	\$65.55	\$223.33	\$196.49	\$3,335.37	\$3,335.37	\$0.00	\$0.00	\$3,335.37
0044	Annual Tariff Subscription Service	ZZ125450-10	Timeplex	1	\$3,800.00	\$87.40	\$297.77	\$261.99	\$4,447.16	\$4,447.16	\$0.00	\$0.00	\$4,447.16
0045	Printer Driver	ZZ125689	Timeplex	1	\$1,822.50	\$42.61	\$145.17	\$127.72	\$2,168.00	\$2,168.00	\$0.00	\$0.00	\$2,168.00
0046	Co-Existence Software (Optional)		Timeplex	1	\$4,750.00	\$109.25	\$372.22	\$327.48	\$5,558.96	\$5,558.96	\$0.00	\$0.00	\$5,558.96
0047	Delta Power Rite Pro 1.92KVA Uninterruptable Power Supply	PRA 200LA	Delta	1	\$1,325.00	\$30.48	\$103.83	\$91.35	\$1,550.66	\$1,550.66	\$0.00	\$0.00	\$1,550.66
Router Products													
0048	Enterprise Router Chassis w/1 ea. P/S, (Holds 15 ea. Modules)	ER/C15	Timeplex	1	\$9,520.00	\$218.96	\$746.00	\$656.36	\$11,141.32	\$11,141.32	\$146.96	\$1,051.30	\$13,958.14
0049	Enterprise Router Chassis w/2 ea. P/S, (Holds 15 ea. Modules)	ER/C15/R	Timeplex	1	\$11,120.00	\$255.78	\$871.38	\$766.87	\$13,013.81	\$13,013.81	\$146.96	\$1,051.30	\$15,828.63
0050	Power Supply - (1) P/S per (5) Independent Routing Processors(IRP's)	ER/PS/15	Timeplex	1	\$1,800.00	\$38.80	\$125.38	\$110.31	\$1,872.49	\$1,872.49	\$174.09	\$746.09	\$1,872.49
0051	4-Port Ethernet IRP	ER/4E	Timeplex	1	\$8,800.00	\$156.40	\$532.86	\$468.83	\$9,558.09	\$9,558.09	\$185.39	\$893.04	\$11,099.72
0052	2-Port Token Ring IRP	ER/2T	Timeplex	1	\$6,800.00	\$156.40	\$532.86	\$468.83	\$7,958.09	\$7,958.09	\$185.39	\$893.04	\$11,099.72
0053	1-Port FDDI IRP	ER/F	Timeplex	1	\$8,000.00	\$134.00	\$626.89	\$551.56	\$9,362.45	\$9,362.45	\$185.31	\$926.95	\$12,303.81
0054	4-Port V.35 Wide Area/Serial IRP	ER/4W/V35	Timeplex	1	\$5,600.00	\$128.80	\$438.83	\$386.09	\$6,553.72	\$6,553.72	\$131.13	\$621.74	\$8,941.19
0055	4-Port V.11 Wide Area/Serial IRP	ER/4W/V11	Timeplex	1	\$5,600.00	\$128.80	\$438.83	\$386.09	\$6,553.72	\$6,553.72	\$131.13	\$621.74	\$8,941.19
0056	ISDN/BRI IRP w/ (1) St.: BRI Interface and (1) WAN Interface	ER/1-BRI	Timeplex	1	\$5,600.00	\$128.80	\$438.83	\$386.09	\$6,553.72	\$6,553.72	\$131.13	\$621.74	\$8,941.19
0057	1-Port Wide Area IRP w/ Std. HSSI 50 Pin SCSI-2 Interface	ER/HSSI	Timeplex	1	\$17,043.00	\$391.99	\$1,335.52	\$1,175.03	\$19,945.54	\$19,945.54	\$169.56	\$813.91	\$20,925.01
0058	Enterprise Router Std. Software	ER/sw	Timeplex	1	n/c	n/c	n/c	n/c	n/c	n/c	n/c	n/c	n/c
0059	Enterprise Router Std. Software with Frame Relay	ER/sw/FR	Timeplex	1	\$712.50	\$16.39	\$55.83	\$49.12	\$833.84	\$833.84			\$833.84
0060	Enterprise Router Std. Software w/ Frame Relay,Ext. DoD Security	ER/sw/FR/g	Timeplex	1	\$950.00	\$21.85	\$74.44	\$65.50	\$1,111.79	\$1,111.79			\$1,111.79
0061	Enterprise Router Std. Software w/ Ext. DoD Security	ER/sw/g	Timeplex	1	\$950.00	\$21.85	\$74.44	\$65.50	\$1,111.79	\$1,111.79			\$1,111.79
0062	Manual Set, User Guide, Reference, Install, and Maintenance	EN/UG	Timeplex	1	\$190.00	\$4.37	\$14.89	\$13.10	\$222.36	\$222.36			\$222.36
Wide Area Network Products from LARSCOM													
0200	Fractional Network Access DSU/CSU (Access-T)	Access-T-201	Larscom	1	\$1,763.90	\$40.57	\$138.22	\$121.61	\$2,064.30	\$2,064.30	\$36.17	\$356.09	\$2,854.43
0201	Fractional Network Access DSU/CSU (Split-T)	Split-T-201	Larscom	1	\$2,535.80	\$58.32	\$198.71	\$174.83	\$2,987.66	\$2,987.66	\$36.17	\$356.09	\$3,757.79
0202	AB Switch w/2, 25' RS232 Cables to switch Modem/Terminal to Link-2 Note: Customer Installable, Return to Pulsar for Replacement	ABL	ABL	1	\$28.00	\$0.64	\$2.19	\$1.93	\$32.76	\$32.76	\$0.00	\$0.00	\$32.76
0203	Access-T Chassis, Holds up to 15 ea. CSU/DSU Modules w/2 P/S	Access-T/1500	Larscom	1	\$2,550.00	\$58.65	\$199.82	\$175.81	\$2,984.28	\$2,984.28	\$54.26	\$565.22	\$4,200.62
0204	CSU/DSU Module for Access-T/1500	AM-01	Larscom	1	\$1,538.50	\$35.34	\$120.40	\$105.93	\$1,798.17	\$1,798.17	\$14.70	\$316.52	\$2,291.09
0205	3Mbps Network Service Unit, includes BasicChassis w/integral CSU's EIA-530 Port, 2 ea. RS-232 Ports, LCO Interface, AC Power Supply Hardware Kit for 19" or 23" Rack	Mega-T/201C	Larscom	1	\$7,150.00	\$161.45	\$580.29	\$492.98	\$8,387.70	\$8,387.70	\$135.65	\$847.82	\$10,843.32
0206	6Mbps Network Service Unit, includes BasicChassis w/integral CSU's EIA-530 Port, 2 ea. RS-232 Ports, LCO Interface, AC Power Supply Hardware Kit for 19" or 23" Rack	Mega-T/401C	Larscom	1	\$10,725.00	\$246.56	\$840.43	\$739.44	\$12,551.55	\$12,551.55	\$135.65	\$847.82	\$15,027.17

Nuclear Regulatory Commission
NRC-33-64-188
Master Clin List

CLIN	Engineering Change and Product Refreshment	Part Number	Supplier	Qty	Pulsar's Unit Cost	2.30% M&H	7.66% G&A	6.28% Fee	NRC's Unit Price	NRC's Ext. Price	FEE 5.00% Base Unit Monthly Maint. Price	FEE 5.00% Base Unit Install Price	NRC's Total Price
0204-I	Combined installation of clin 0203 and unlimited qty of clin 0204 per site												\$1,130.43
	Notes: Mega-T installation charge includes patch panel installation Notes: Maintenance is 4 hour response time, Mon-Fri, 10 hour day												
Wide Area Network Products from TIMEPLEX													
All installation charges of Timeplex Products are assumed to be complete systems. Add-on board installations after initial install will be charged a minimum of \$250.00. Installations at some NRC's facilities, i.e. INEL will be charged actual travel and expenses that are incurred.													
* SAME SITE, SAME VISIT, SAME CHASSIS INSTALLATION RATE SCHEDULE INSTALLATION OF 1st MODULE WILL BE AT 100% BASE UNIT INSTALLATION INSTALLATION OF 2nd MODULE WILL BE AT 75% BASE UNIT INSTALLATION INSTALLATION OF 3rd MODULE WILL BE AT 50% BASE UNIT INSTALLATION THE HIGHEST INSTALLATION PRICE FOR THE MODULES SELECTED WILL CONSTITUTE THE 100% INSTALLATION PRICE													
0207	Standalone CSU Chassis, 1 T1 line, Incl'd's PS/NTWK Cable 31"	SA-2000	Timeplex	1	\$2,240.00	\$51.66	\$176.00	\$154.85	\$2,628.51	\$2,628.51	\$39.58	\$339.13	\$3,442.36
0208	Model SA-2000 and a BFM Module and 15' NTWK Cable	SA-2000B	Timeplex	1	\$2,695.00	\$61.99	\$211.19	\$185.81	\$3,153.99	\$3,153.99	\$39.58	\$339.13	\$3,987.84
0209	Rack Mount Chassis, supports up to 12 CSU Modules/Redundant PS	RM-2000	Timeplex	1	\$1,935.00	\$44.51	\$151.83	\$133.41	\$2,264.55	\$2,264.55	\$16.96	\$452.17	\$2,920.24
0210	CSU Module for use in Chassis w/15' NTWK Cable	RM-CSU	Timeplex	1	\$2,088.00	\$47.52	\$161.90	\$142.44	\$2,417.86	\$2,417.86	\$33.92	\$226.09	\$3,050.96
0211	RM-CSU Module and a BFM Module w/15' NTWK Cable	RM-CSUB	Timeplex	1	\$2,518.00	\$57.87	\$197.16	\$173.47	\$2,944.50	\$2,944.50	\$33.92	\$226.09	\$3,577.85
0212	Tx Patch Panel required for RM-2000 w/2ea. VEC 25 Cbl's	Tx-Patch	Timeplex	1	\$225.00	\$5.18	\$17.63	\$15.51	\$263.32	\$263.32			\$263.32
0213	Element Management Software(Unix ver T/V rel 8	EM800U7	Timeplex	1	n/c					n/c			n/c
0214	Single Port T1 DSU/CSU w/V.35 Interface, PS, 15' Cbl	SA-3001V	Timeplex	1	\$2,516.00	\$57.87	\$197.16	\$173.47	\$2,944.50	\$2,944.50	\$39.58	\$452.17	\$3,871.36
0215	Single Port T1 DSU/CSU w/V.35 Interface, PS, 15' Cbl/Drop-insert	SA-3001VD	Timeplex	1	\$3,123.00	\$71.83	\$244.72	\$215.32	\$3,654.87	\$3,654.87	\$50.87	\$452.17	\$4,717.41
0216	Single Port T1 DSU/CSU w/EIA-530 interface, PS, 15' Cbl	SA-3001E	Timeplex	1	\$2,516.00	\$57.87	\$197.16	\$173.47	\$2,944.50	\$2,944.50	\$39.58	\$452.17	\$3,871.36
0217	Single Port T1 DSU/CSU w/EIA-530 Intf. PS, 15' Cbl/Drop-insert	SA-3001ED	Timeplex	1	\$3,123.00	\$71.83	\$244.72	\$215.32	\$3,654.87	\$3,654.87	\$50.87	\$452.17	\$4,717.41
0218	Rack Mount Chassis, Supports up to 12 DSU/CSU Modules	RM-3000	Timeplex	1	\$2,696.00	\$62.01	\$211.26	\$185.88	\$3,155.15	\$3,155.15	\$39.58	\$452.17	\$4,082.04
0219	V.35 Module w/15' NTWK Cbl.	RM-3001V	Timeplex	1	\$2,426.00	\$55.80	\$190.11	\$167.26	\$2,839.17	\$2,839.17	\$39.58	\$452.17	\$3,768.04
0220	V.35 DSU/CSU Module w/15' NTWK Cbl. and drop/insert	RM-3001VD	Timeplex	1	\$3,033.00	\$69.76	\$237.67	\$209.11	\$3,549.54	\$3,549.54	\$50.87	\$452.17	\$4,612.11
0221	EIA-530 DSU/CSU Module w/15' NTWK Cbl.	RM-3001E	Timeplex	1	\$2,426.00	\$55.80	\$190.11	\$167.26	\$2,839.17	\$2,839.17	\$39.58	\$452.17	\$3,768.04
0222	EIA-530 DSU/CSU Module w/15' NTWK Cbl. and drop/insert	RM-3001ED	Timeplex	1	\$3,033.00	\$69.76	\$237.67	\$209.11	\$3,549.54	\$3,549.54	\$50.87	\$452.17	\$4,612.11
0223	Basic Access Router Chassis w/8MB DRAM and 2MB Flash EPROM Supports 2 LAN or WAN Interfaces	AR-C	Timeplex	1	\$2,500.00	\$48.00	\$156.72	\$137.69	\$2,340.81	\$2,340.81	\$45.21	\$678.26	\$3,561.31
0224	Access Router Modules 1 Port Ethernet	AR-1E	Timeplex	1	\$640.00	\$14.72	\$50.15	\$44.12	\$748.99	\$748.99	\$11.31	\$56.52	\$941.22
0225	Access Router Modules 2 Port Ethernet	AR-2E	Timeplex	1	\$1,600.00	\$36.80	\$125.38	\$110.31	\$1,872.49	\$1,872.49	\$28.27	\$84.79	\$2,296.51

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CLIN

Engineering Change and Product Refreshment

CLIN		Part Number	Supplier	Qty.	Pulsar's Unit Cost	2.30% M&H	7.66% G&A	6.26% Fee	NRC's Unit Price	NRC's Ext. Price	FEE 5.00% Base Unit Monthly Maint. Price	FEE 5.00% Base Unit Install Price	NRC's Total Price
0226	Access Router Modules 1 Port Token Ring	AR-1T	Timeplex	1	\$1,440.00	\$33.12	\$112.84	\$69.28	\$1,685.24	\$1,685.24	\$28.27	\$56.52	\$2,081.03
0227	Access Router Modules 2 Port 449/422/V.11 Wide Area/Serial	AR-W449	Timeplex	1	\$720.00	\$16.56	\$56.42	\$49.64	\$842.62	\$842.62	\$11.31	\$84.79	\$1,063.13
0228	Access Router Modules 2 Port V.35 Wide Area/Serial	AR-WV35	Timeplex	1	\$720.00	\$16.56	\$56.42	\$49.64	\$842.62	\$842.62	\$11.31	\$84.79	\$1,063.13
0229	Access Router Modules 2 Port V.28 Wide Area/Serial	AR-V28	Timeplex	1	\$720.00	\$16.56	\$56.42	\$49.64	\$842.62	\$842.62	\$11.31	\$84.79	\$1,063.13
0230	Access Router Modules 12 Port 10Base-T Interface	AR-10BsT/12	Timeplex	1	\$1,440.00	\$33.12	\$112.84	\$99.28	\$1,685.24	\$1,685.24	\$33.92	\$189.58	\$2,261.84
0231	Access Router Modules 2 Port Wide Area/Serial, ISDN RJ-45, V.11	AR-1-V11	Timeplex	1	\$1,600.00	\$36.80	\$125.38	\$110.31	\$1,872.49	\$1,872.49	\$33.92	\$189.56	\$2,449.09
0232	Access Router Modules 2 Port Wide Area/Serial, ISDN RJ-45, V.35	AR-1-V35	Timeplex	1	\$1,600.00	\$36.80	\$125.38	\$110.31	\$1,872.49	\$1,872.49	\$33.92	\$189.56	\$2,449.09
0233	Access Router Standard Software V4.0 incl'd's Frame Relay	AR/XPRESS	Timeplex	1	\$100.00	\$2.30	\$7.84	\$6.89	\$117.03	\$117.03			\$117.03
0234	Access Router Standard Software V4.0, incl'd's Data Link Switching, Local Network Management Services, SDLC to LLC2 Conversion and SMDS and ISDN software	AR/XPRESS +	Timeplex	1	\$300.00	\$6.90	\$23.51	\$20.88	\$351.09	\$351.09			\$351.09
0235	Access Router Standard Software V4.0, iwlDoD Security	AR/XPRESS/G	Timeplex	1	\$800.00	\$11.80	\$47.02	\$41.37	\$702.19	\$702.19			\$702.19
0236	Access Router Standard Software V4.0, incl'd's Data Link Switching, Local Network Management Services, SDLC to LLC2 Conversion and SMDS and ISDN software, Plus extended DoD Security	AR/XPRESS +/G	Timeplex	1	\$800.00	\$18.40	\$82.60	\$55.16	\$936.25	\$936.25			\$936.25
0237	Access Router 150 Phase 2 w/8MB of DRAM/ Flash EPROM memory (1) Ethernet Port and (1) Serial Port (up to 2.048Mbps.) Requires Software and (1) WAN Personality Module	AR150-021	Timeplex	1	\$2,070.00	\$47.61	\$182.21	\$142.72	\$2,422.54	\$2,422.54	\$33.92	\$717.82	\$3,547.40
0238	Access Router 150 Phase 2 w/8MB of DRAM/ Flash EPROM memory (1) Ethernet Port and (2) Serial Ports (up to 2.048Mbps.) Requires Software and (2) WAN Personality Modules	AR150-022	Timeplex	1	\$2,430.00	\$55.89	\$190.42	\$167.54	\$2,843.85	\$2,843.85	\$39.56	\$717.82	\$4,036.39
0239	Access Router 150 Phase 2 w/8MB of DRAM/ Flash EPROM memory (1) Ethernet Port, (1) ISDN BRI S and (2) Serial Ports (1 port to 2.048Mbps, 2nd port to 64Kbps) Requires Software and (2) WAN Personality Modules	AR150-023	Timeplex	1	\$3,210.00	\$74.01	\$252.17	\$221.87	\$3,786.05	\$3,786.05	\$56.52	\$788.69	\$5,212.98
0240	Access Router 150 Phase 2 w/8MB of DRAM/ Flash EPROM memory (12) 10Base-T ports and (1) Serial Ports (up to 2.048Mbps.) Requires Software and (1) WAN Personality Modules	AR150-024	Timeplex	1	\$2,700.00	\$62.10	\$211.58	\$188.15	\$3,159.83	\$3,159.83	\$41.82	\$717.82	\$4,379.49
0241	Access Router 150 Phase 2 w/8MB of DRAM/ Flash EPROM memory (12) 10Base-T ports and (2) Serial Ports (up to 2.048Mbps.) Requires Software and (2) WAN Personality Modules	AR150-025	Timeplex	1	\$3,080.00	\$70.38	\$239.79	\$210.97	\$3,581.14	\$3,581.14	\$47.48	\$788.69	\$4,919.59
0242	Access Router 150 Phase 2 w/8MB of DRAM/ Flash EPROM memory (12) 10Base-T ports and (2) Serial Ports (1 ea. 2.048Mbps, 1 ea. 64Kbps) 1 ea. ISDN BRI S, Requires Software and (2) WAN Personality Modules	AR150-026	Timeplex	1	\$3,848.00	\$88.50	\$301.54	\$265.30	\$4,503.34	\$4,503.34	\$64.44	\$788.69	\$6,045.31
0243	Access Router 150 Phase 2 w/8MB of DRAM/ Flash EPROM memory (1) Token Ring port and (1) Serial Ports (2.048Mbps.) Requires Software and (1) WAN Personality Modules	AR150-G27	Timeplex	1	\$2,655.00	\$61.07	\$208.05	\$183.05	\$3,107.17	\$3,107.17	\$41.82	\$717.82	\$4,328.83
0244	Access Router 150 Phase 2 w/8MB of DRAM/ Flash EPROM memory (1) Token Ring port and (2) Serial Ports (2.048Mbps.) Requires Software and (2) WAN Personality Modules	AR150-028	Timeplex	1	\$3,015.00	\$69.35	\$238.26	\$207.87	\$3,528.48	\$3,528.48	\$47.48	\$788.69	\$4,866.93

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CLIN	Engineering Change and Product Refreshment	Part Number	Supplier	Qty.	Pulsar's Unit Cost	2.30% M&H	7.60% G&A	6.28% Fee	NRC's Unit Price	NRC's Ext. Price	FEE 5.00% Base Unit Monthly Maint. Price	FEE 5.00% Base Unit Install Price	NRC's Total Price
0241	Access Router 150 Phase 2 w/8MB of DRAM/Flash EPROM memory (1) Token Ring port and (2) Serial Ports (1 ea. 2.048Mbps., 1 ea. 64Kbps) 1 ea. ISDN BRI S, Requires Software and (2) WAN Personality Modules	AR150-029	Timeplex	1	\$3,803.00	\$87.47	\$268.01	\$262.20	\$4,450.68	\$4,450.68	\$64.44	\$766.69	\$5,982.65
0246	Access Router 150 Phase 2 w/8MB of DRAM/Flash EPROM memory (1) Ethernet, (1) Token Ring port and (1) Serial Ports (2.048Mbps.) Requires Software and (1) WAN Personality Modules	AR150-030	Timeplex	1	\$3,083.00	\$70.91	\$241.59	\$212.56	\$3,608.06	\$3,608.06	\$50.87	\$766.69	\$4,987.19
0247	Access Router Standard Software V4.0 incl'd's Frame Relay	AR150/XPRESS	Timeplex	1	\$100.00	\$2.30	\$7.84	\$6.89	\$117.03	\$117.03			\$117.03
0248	Access Router Standard Software V4.0, Incl'd's Data Link Switching, Local Network Management Services, SDLC to LLC2 Conversion and SMOS and ISDN software	AR150/XPRESS +	Timeplex	1	\$300.00	\$6.90	\$23.51	\$20.88	\$351.09	\$351.09			\$351.09
0249	Access Router 150 WAN Personality Modules(V.35 with V.54)	WPM-V.35-V.54	Timeplex	1	\$100.00	\$2.30	\$7.84	\$6.89	\$117.03	\$117.03			\$117.03
0250	Access Router 150 WAN Personality Modules(V.28 with V.54)	WPM-V.28-V.54	Timeplex	1	\$100.00	\$2.30	\$7.84	\$6.89	\$117.03	\$117.03			\$117.03
0251	Access Router 150 WAN Personality Modules(V.11 with V.54)	WPM-V.11-V.54	Timeplex	1	\$100.00	\$2.30	\$7.84	\$6.89	\$117.03	\$117.03			\$117.03
0252	Access Router 150 WAN Personality Modules(V.11 with V.21)	WPM-V.11-V.21	Timeplex	1	\$100.00	\$2.30	\$7.84	\$6.89	\$117.03	\$117.03			\$117.03
0253	AccessRouter 350 chassis with single power supply and fan. Includes 2 AR trays, each with a V.35 integral port for interconnection of trays 8MB DRAM 2MB FL. Order software and cables separately. Manuals packaged with software	AR350/C/2V35CPU	Timeplex	1	\$4,880.00	\$111.78	\$380.84	\$335.07	\$5,687.69	\$5,687.69	\$73.48	\$821.74	\$7,191.10
0254	AccessRouter 350 chassis with single power supply and fan redundancy. Includes 2 AR trays, each with a V.35 integral port for interconnection of trays 8MB DRAM 2MB FL. Order software and cables separately. Manuals packaged with software	AR350/C/R/2V35CPU	Timeplex	1	\$5,670.00	\$130.41	\$444.31	\$390.92	\$6,635.64	\$6,635.64	\$84.79	\$734.78	\$8,387.90
0255	AccessRouter 350 chassis with single power supply and fan. Accommodates 1 or 2 AR trays. Order AR Trays, software and cables separately 8MB DRAM 2MB FL. Order software and cables separately. Manuals packaged with software	AR350/C	Timeplex	1	\$1,080.00	\$24.84	\$84.63	\$74.46	\$1,263.93	\$1,263.93	\$16.96	\$169.56	\$1,637.01
0256	Access Router tray and internal cable assembly. Comes with 8MB DRAM and 2MB Flash. Order LAN/WAN interface modules and cables separately.	AR350/CPU/V35	Timeplex	1	\$1,890.00	\$43.47	\$148.10	\$130.31	\$2,211.88	\$2,211.88	\$28.27	\$169.56	\$2,720.68
0257	Power Supply module for use as spare for any Access Router	AR350 PV/RMOD	Timeplex	1	\$810.00	\$18.63	\$63.47	\$55.85	\$947.95	\$947.95	\$11.31	\$84.79	\$1,168.46
ACCESS ROUTER MODULES													
0258	1 Port Ethernet Module	AR-1E	Timeplex	1	\$720.00	\$16.56	\$56.42	\$49.64	\$842.62	\$842.62	\$11.31	\$56.52	\$1,034.86
0259	2 Port Ethernet Module	AR-2E	Timeplex	1	\$1,800.00	\$41.40	\$141.05	\$124.10	\$2,106.55	\$2,106.55	\$28.27	\$84.79	\$2,530.58
0260	1 Port Token Ring Module	AR-1T	Timeplex	1	\$1,620.00	\$37.26	\$126.95	\$111.69	\$1,895.90	\$1,895.90	\$28.27	\$56.52	\$2,281.66
0261	2 port 449/422v.11 wide area/ serial module. Order cable separately	AR-W449	Timeplex	1	\$910.00	\$18.63	\$63.47	\$55.85	\$947.95	\$947.95	\$11.31	\$84.79	\$1,168.46
0262	2 port v.35 wide area/ serial module. Order cable separately	AR-WV35	Timeplex	1	\$810.00	\$18.63	\$63.47	\$55.85	\$947.95	\$947.95	\$11.31	\$84.79	\$1,168.46
0263	2 port v.28 wide area / serial module. Requires 4.0 or above. Order cable separately.	AR-V28	Timeplex	1	\$810.00	\$18.63	\$63.47	\$55.85	\$947.95	\$947.95	\$11.31	\$84.79	\$1,168.46
0264	12 Port 10Base T interface module	AR-10BASET/12	Timeplex	1	\$1,620.00	\$37.26	\$126.95	\$111.99	\$1,895.90	\$1,895.90	\$33.92	\$169.56	\$2,472.50
0265	2 port wide area/serial module with 1 ISDN RJ45 and 1 v.11. Requires express + software	AR-1-V11	Timeplex	1	\$1,800.00	\$41.40	\$141.05	\$124.10	\$2,106.55	\$2,106.55	\$33.92	\$169.56	\$2,683.15

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CLIN	Engineering Change and Product Refreshment	Part Number	Supplier	Cty.	Pulsar's Unit Cost	2.30% M&H	7.66% G&A	6.28% Fee	NRC's Unit Price	NRC's Ext. Price	FEE 5.00% Base Unit Monthly Maint. Price	FEE 5.00% Base Unit Install Price	NRC's Total Price
0266	2 port wide area/serial module with 1 ISDN RJ45 and 1 v.35 Requires express + software	AR-I-V35	Timeplex	1	\$1,800.00	\$41.40	\$141.05	\$124.10	\$2,106.55	\$2,106.55	\$33.92	\$169.58	\$2,683.15
0267	Access Router standard software 4.0, req 8MB DRAM and 1.5MB flash Includes frame relay. Latest revision level available will be provided unless otherwise requested. Include Access Router 350 installation and Maintenance Manual and 2 3.5" diskettes containing Access Router Users Guide 1 and 2 formatted as Microsoft Windows 3.1 help files	AR350/EXPRESS	Timeplex	1	\$106.00	\$2.30	\$7.84	\$6.89	\$117.03	\$117.03			\$117.03
0268	Access Router standard software plus Data Link Switching (DLSw), Local Network Management Services, SDLC to LLC2 conversation (REQUIRES A CO-RESIDENT NP), SMDS AND ISDN SOFTWARE. Latest revision level available will be provided unless otherwise requested. Include Access Router 350 installation and Maintenance Manual and 2 3.5" diskettes containing Access Router Users Guide 1 and 2 formatted as Microsoft Windows 3.1 help files	AR350/XPRESS+	Timeplex	1	\$300.00	\$6.90	\$23.51	\$20.68	\$351.09	\$351.09			\$351.09
0269	FDDI Concentrator with MMFXMMF DAS Consists of an enclosure configured with 1 CPU Module, 1 power supply, 2MMFENDEC cards for MMF/MMF DAS connection to FDDI ring and user's Guide. To this may be added: 1 Redundant CPU module, 1 redundant power supply and up to 32 ENDEC cards	FDDI/C-MM	Timeplex	1	\$14,440.00	\$332.12	\$1,131.54	\$995.57	\$18,899.23	\$18,899.23	\$254.35	\$565.22	\$20,518.65
0270	FDDI Concentrator with MMFXSMF DAS Consists of an enclosure configured with 1 CPU module, 1 power supply 1MMFENDEC card and 1 SMF for MMF/SMF DAS connection to FDDI ring and user's Guide. To this may be added: 1 Redundant CPU module, 1 redundant power supply and up to 31 ENDEC cards (SAS modules)	FDDI/C-SM	Timeplex	1	\$16,800.00	\$386.40	\$1,316.48	\$1,158.28	\$19,661.16	\$19,661.16	\$254.35	\$565.22	\$23,278.58
0271	FDDI Concentrator with SMFXSMF DAS device ports Consists of an enclosure configured with 1 CPU module, 1 power supply 2 SMF ENDEC cards (for SMF/SMF DAS connection to FDDI ring) and user's Guide. To this may be added: 1 Redundant CPU module, 1 redundant power supply and up to 30 ENDEC cards (SAS modules)	FDDI/C-SS	Timeplex	1	\$19,200.00	\$441.60	\$1,504.55	\$1,323.75	\$22,469.90	\$22,469.90	\$254.35	\$565.22	\$26,087.32
0272	Single port multi-mode fiber ENDEC card (SAS module). Uses 1 slot	FDDI/C-SAS	Timeplex	1	\$1,580.00	\$35.88	\$122.24	\$107.55	\$1,825.67	\$1,825.67	\$28.27	\$169.58	\$2,334.47
0273	4 Single port multi-mode fiber ENDEC cards (SAS modules) sold as a 4 pack	FDDI/CISAS-4	Timeplex	1	\$5,280.00	\$121.44	\$413.75	\$364.03	\$6,179.22	\$6,179.22	\$113.04	\$452.17	\$7,887.87
0274	Single port Single - mode fiber ENDEC card (SAS module) Uses 2 slots	FDDI/C/SAS-SMF	Timeplex	1	\$4,400.00	\$101.20	\$344.79	\$303.36	\$5,149.35	\$5,149.35	\$84.79	\$169.58	\$8,336.30
0275	Redundant CPU module: add "C" to Model when ordering	FDDI/C-CPU	Timeplex	1	\$6,120.00	\$140.76	\$479.57	\$421.94	\$7,162.27	\$7,162.27	\$67.83		\$7,976.23
0276	Redundant Power Supply: Add: "P" to Model when ordering	FDDI/C-PS	Timeplex	1	\$1,680.00	\$38.64	\$131.65	\$115.83	\$1,966.12	\$1,966.12	\$67.83		\$2,780.08
0277	Basic FDDI Concentrator Consists of an enclosure configured with 1 CPU module and 1 power supply The enclosure does not include SAS modules	FDDI/C-BC	Timeplex	1	\$13,200.00	\$303.60	\$1,034.38	\$910.08	\$15,448.06	\$15,448.06	\$124.35	\$1,119.12	\$16,059.38
0278	User's Guide, FDDI Concentrator	FDDI/C-MS	Timeplex	1	\$200.00	\$4.60	\$15.67	\$12.79	\$234.06	\$234.06			
0279	Enterprise Router 15 slot chassis. Consists of an enclosure, 2 bus arbiter daughterboards, and 1 power supply. Up to 15 LAN or WAN interface modules may be added. Accepts up to 3 additional load sharing power supplies. One power supply is required for every five IRP's. An additional power supply	ER/C/15	Timeplex	1	\$9,520.00	\$218.96	\$749.00	\$656.38	\$11,141.32	\$11,141.32	\$169.58	\$943.91	\$14,119.95

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CLIN

Engineering Change and Product Refreshment

CLIN	Engineering Change and Product Refreshment	Part Number	Supplier	Qty.	Pulsar's Unit Cost	2.30% M&H	7.66% G&A	6.26% Fee	NRC's Unit Price	NRC's Ext. Price	FEE 5.00% Base Unit Monthly Maint. Price	FEE 5.00% Base Unit Install Price	NRC's Total Price
	can be added for redundancy. Requires dedicated 20 amp service with a receptical for a NEMA 520 plug. Cables not included. Order software separately. Operator's Manual included w/ software												
0280	Enterprise Router 15 slot chassis. Consists of an enclosure, 2 bus arbiter daughterboards, and 2 power supplies. Up to 15 LAN or WAN interface modules may be added. Accepts up to 2 additional load sharing power supplies. One power supply is required for every five IRP's. An additional power supply provides redundancy. Requires dedicated 20 amp service with a receptical for a NEMA 520 plug. Cables not included. Order software separately. Operator's Manual included w/ software	ER/C/15/R	Timeplex	1	\$11,120.00	\$255.76	\$871.38	\$786.87	\$13,013.81	\$13,013.81	\$197.83	\$1,102.17	\$16,489.94
0281	Enterprise Router 15 slot chassis. Consists of an enclosure, 1 bus arbiter daughterboards, and 1 power supply. A second arbiter daughterboard is highly recommended and can be purchased as an option below. Up to 5 LAN/WAN interface modules may be added. A second power supply can be added for redundancy. Requires 15 amp service. Cables not included. Order software separately. Operator's Manual included with software. provides redundancy. Requires dedicated 20 amp service with a receptical for a NEMA 520 plug. Cables not included. Order software separately. Operator's Manual included w/ software	ER/C/5	Timeplex	1	\$4,800.00	\$110.40	\$376.14	\$330.94	\$5,617.48	\$5,617.48	\$81.40	\$474.78	\$7,069.06
0282	Enterprise Router 5 slot chassis with 2 bus arbiter daughterboards, 2 power supplies for redundancy, and 2 power cords. Up to 5 LAN or WAN interface modules may be added. Requires 15 amp service. Cables not included. Order software separately. Operator's manual included with software.	ER/C/5/R	Timeplex	1	\$6,400.00	\$147.20	\$501.52	\$441.25	\$7,489.97	\$7,489.97	\$113.04	\$633.05	\$9,479.50
0283	Enterprise Router bus arbiter daughterboard. Can be used for spare or as second arbiter daughterboard for ER/C/5	ER/ARB	Timeplex	1	\$320.00	\$7.36	\$25.08	\$22.08	\$374.50	\$374.50	\$5.65	\$33.92	\$476.22
0284	Power Supply. Can be used as 2nd, 3rd, 4th power supply in ER/C/15, 2nd power supply in ER/C/5 or as a spare for either ER/C/5 or ER/C/15	ER/PS	Timeplex	1	\$1,600.00	\$36.80	\$125.38	\$110.31	\$1,872.49	\$1,872.49	\$28.27	\$169.56	\$2,361.29
	INTERFACE CARD OPTIONS												
0285	4-port Ethernet IRP with 2Mb of Flash and 8Mb of DRAM	ER/4E	Timeplex	1	\$6,800.00	\$156.40	\$532.86	\$468.83	\$7,958.09	\$7,958.09	\$124.35	\$678.26	\$10,128.55
0286	2-port tokenring IRP with 2MB OF Flash and 8MB of DRAM	ER/2T	Timeplex	1	\$6,800.00	\$156.40	\$532.86	\$468.83	\$7,958.09	\$7,958.09	\$124.35	\$678.26	\$10,128.55
0287	1-port FDDI IRP with 2MB of Flash and 8MB of DRAM	ER/F	Timeplex	1	\$8,000.00	\$184.00	\$628.80	\$551.58	\$9,362.45	\$9,362.45	\$141.31	\$791.30	\$11,849.47
0288	4-port v.35 wide area/ serial IRP with 2MB of flash and 8MB of DRAM	ER/4W/V35	Timeplex	1	\$5,800.00	\$128.80	\$438.83	\$388.09	\$6,553.72	\$6,553.72	\$101.73	\$553.91	\$8,328.39
0289	4-port v.11 wide area/ serial IRP with 2MB of Flash and 8MB of DRAM	ER/4W/V11	Timeplex	1	\$5,800.00	\$128.80	\$438.83	\$388.09	\$6,553.72	\$6,553.72	\$101.73	\$553.91	\$8,328.39
0290	ISDN / BRI IRP with 1 standard BRI interface (RJ-45) and 1 WAN interface. Soft - configurable for either v.11 or v.35. ISDN/ BRI IRP contains 2MB of Flash and 8MB DRAM Requires ER/Express+ software & U interface adapter	ER/i-BRI	Timeplex	1	\$5,800.00	\$128.80	\$438.83	\$388.09	\$6,553.72	\$6,553.72	\$101.73	\$553.91	\$8,328.39
0291	Enterprise Router standard software. Includes frame relay. Latest revision level available will be provided unless otherwise requested. Includes Enterprise Router installation and Maintenance Manual and two 3.5" diskettes containing Enterprise Router User's Guide 1 and User's Guide 2 formatted as Microsoft windows 3.1 help files	ER/E/PRESS	Timeplex	1	\$200.00	\$4.60	\$15.67	\$13.79	\$234.06	\$234.06			\$234.06
0292	Enterprise Router standard software plus Data Link Switching, Local Network Management Services (LNMS), SDLC to LLC2 (requires co-resident NP), SMDS and ISDN connectivity)	ER/EXPRESS+	Timeplex	1	\$1,500.00	\$34.50	\$117.54	\$103.42	\$1,755.46	\$1,755.46			\$1,755.46

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Latest revision level available will be provided unless otherwise requested
Includes Enterprise Router installation and Maintenance Manual and two
3.5" diskettes containing Enterprise Router User's Guide 1 and User's Guide 2
formatted as Microsoft windows 3.1 help files

		Part Number	Supplier	Qty.	Pulsar's Unit Cost	2.30% M&H	7.66% G&A	0.28% Fee	NRC's Unit Price	NRC's Ext. Price	FEE 5.00% Base Unit Monthly Maint. Price	FEE 5.00% Base Unit Install Price	NRC's Total Price
0293	Enterprise Router standard software with Extended DoD security. Includes frame relay. Latest revision level available will be provided unless otherwise requested Includes Enterprise Router installation and Maintenance Manual and two 3.5" diskettes containing Enterprise Router User's Guide 1 and User's Guide 2 formatted as Microsoft windows 3.1 help files	ER/XPREES/G	Timeplex	1	\$1,200.00	\$27.60	\$94.03	\$82.73	\$1,404.36	\$1,404.36			\$1,404.36
0294	Enterprise Router standard software plus extended DoD security, Data Link Switching (DLSw), Local Network Management Services (LNMS) SDLC to LLC2 requires co-resident NP), SMDS and ISDN software (ISDN interface card also required for ISDN connectivity). Latest revision level available will be provided unless otherwise requested Includes Enterprise Router installation and Maintenance Manual and two 3.5" diskettes containing Enterprise Router User's Guide 1 and User's Guide 2 formatted as Microsoft windows 3.1 help files	ER/XPRESS+G	Timeplex	1	\$2,500.00	\$57.50	\$195.90	\$172.36	\$2,925.76	\$2,925.76			\$2,925.76
0295	Basic TX3 non redundant 115 vac unit which includes one each 19" Mainframe, power converter chassis, controller module (TX3-CM) Timing Generator Module (TX3-TM), Alarm Relay (TX3-AR+), Power converter TX3-PS and User's guide	TX3-B1+	Timeplex	1	\$8,000.00	\$184.00	\$826.89	\$551.56	\$9,362.45	\$9,362.45	\$141.31	\$1,130.43	\$12,188.80
0296	Basic TX3 redundant 115 vac unit which includes one each 19" Mainframe, power converter chassis, Alarm Relay (TX3-AR+) and user's guides, two each controller modules (TX3-CM) Timing Generator Modules (TX3-TM) and power converters (TX3-PS)	TX3-B1R+	Timeplex	1	\$13,520.00	\$310.96	\$1,059.45	\$932.14	\$15,822.55	\$15,822.55	\$237.39	\$1,130.43	\$19,801.66
0297	19" Expansion mainframe with intershell bus cable and one Power converter (TX3-PS) NOTE: may be used as the number one or number 3 expansion mainframe in a multi-mainframe configuration requiring power converters	TX3-M1+	Timeplex	1	\$5,800.00	\$82.80	\$282.10	\$248.20	\$4,213.10	\$4,213.10	\$67.83	\$585.22	\$5,562.26
0298	19" Expansion mainframe with intershell bus cables and 2 Power converter (TX3-PS) NOTE: may be used as the number one or number 3 expansion mainframe in a multi-mainframe configuration requiring power converters	TX3-M1R+	Timeplex	1	\$4,320.00	\$99.36	\$338.52	\$297.84	\$5,055.72	\$5,055.72	\$79.13	\$565.22	\$6,570.50
0299	T1 test access module	TX3-TA	Timeplex	1	\$3,200.00	\$73.60	\$250.76	\$220.62	\$3,744.98	\$3,744.98	\$56.52	\$339.13	\$4,762.35
0300	3/1 Crossconnect Module (DCS31V)	TX3-C3/1V	Timeplex	1	\$4,800.00	\$110.40	\$376.14	\$330.94	\$5,617.48	\$5,617.48	\$84.79	\$678.26	\$7,313.22
0301	1/1 Crossconnect Module (DCS11V)	TX3-C1/1V	Timeplex	1	\$4,000.00	\$92.00	\$313.45	\$275.76	\$4,681.23	\$4,681.23	\$56.52	\$678.26	\$6,037.73
0302	Multimegabit VO Module with HSSI Interface- Specify cable / order separately	TX3-MMIO/H	Timeplex	1	\$9,600.00	\$220.80	\$752.27	\$661.87	\$11,234.94	\$11,234.94	\$168.56	\$678.26	\$13,947.92
0303	Multimegabit VO Module with EIA 530, v.35 interface, specify 530 or v.35 interface Order separately	TX3-F3/1S TX3-F3/1M	Timeplex Timeplex	1 1	\$9,600.00 \$5,760.00	\$220.80 \$132.48	\$752.27 \$451.36	\$661.87 \$397.12	\$11,234.94 \$6,740.96	\$11,234.94 \$6,740.96	\$168.56 \$101.73	\$678.26 \$678.26	\$13,947.92 \$8,639.98
Line Interface Modules for use with + Mainframes													
0304	DS-1 LIU (1.7 protection) w/ DS-1 cables	TX3-L1/7+	Timeplex	1	\$1,560.00	\$35.88	\$122.24	\$107.55	\$1,825.67	\$1,825.67	\$28.27	\$84.79	\$2,249.70
0305	DS-1 LIU (1.4 protection) w/ DS-1 cables	TX3-L1/4+	Timeplex	1	\$1,200.00	\$27.60	\$94.03	\$82.73	\$1,404.33	\$1,404.36	\$22.61	\$84.79	\$1,780.47
0306	DS-1 LIU (1.2 protection) w/ DS-1 cables	TX3-L1/2+	Timeplex	1	\$1,040.00	\$23.92	\$81.50	\$71.70	\$1,217.12	\$1,217.12	\$16.96	\$84.79	\$1,505.43
0307	DS-1 LIU (1.1 protection) w/ DS-1 cables	TX3-L1/1+	Timeplex	1	\$520.00	\$11.96	\$40.75	\$35.85	\$608.56	\$608.56	\$11.31	\$84.79	\$826.07
0308	DS-1 LIU (unprotected) w/ DS-1 cables	TX3-L1U+	Timeplex	1	\$240.00	\$5.52	\$18.81	\$16.55	\$280.88	\$280.88	\$5.85	\$84.79	\$433.47
0309	DS-3 LIU (1.3 protection)	TX3-L3/3+	Timeplex	1	\$960.00	\$22.08	\$75.23	\$66.19	\$1,123.50	\$1,123.50	\$16.96	\$84.79	\$1,411.81
0310	DS-3 LIU (1.2 protection)	TX3-L3/2+	Timeplex	1	\$880.00	\$20.24	\$68.06	\$60.87	\$1,029.87	\$1,029.87	\$16.96	\$84.79	\$1,318.18
0311	DS-3 LIU (1.1 protection)	TX3-L3/1+	Timeplex	1	\$480.00	\$11.04	\$37.61	\$33.09	\$581.74	\$581.74	\$11.31	\$84.79	\$782.25
0312	DS-3 LIU (1.5 protection)	TX3-L3/5+	Timeplex	1	\$1,440.00	\$33.12	\$112.84	\$99.28	\$1,685.24	\$1,685.24	\$28.27	\$84.79	\$2,109.27
0313	DS-3 LIU (REROUTE)	TX3-L3R+	Timeplex	1	\$480.00	\$11.04	\$37.61	\$33.09	\$581.74	\$581.74	\$11.31	\$84.79	\$782.25

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CLIN	Engineering Change and Product Refreshment	Part Number	Supplier	Qty	Pulsar's Unit Cost	2.30% M&H	7.60% G&A	6.26% Fee	NRC's Unit Price	NRC's Est. Price	FEE 5.00%	FEE 5.00%	NRC's Total Price
											Base Unit Monthly Maint. Price	Base Unit Install Price	
0314	DS-3 LIU (unprotected)	TX3-L3U+	Timeplex	1	\$400.00	\$9.20	\$31.34	\$27.58	\$468.12	\$468.12	\$11.31	\$84.79	\$668.63
0315	MMIO LIU (Unprotected)	TX3-LM/U+	Timeplex	1	\$480.00	\$11.04	\$37.61	\$33.09	\$561.74	\$561.74	\$11.31	\$84.79	\$782.25
0316	MMIO LIU (1:1 Protection)	TX3-LM/1+	Timeplex	1	\$720.00	\$16.56	\$56.42	\$49.64	\$842.62	\$842.62	\$11.31	\$84.79	\$1,083.13
0317	Fiber Optic LIU (unprotection)	TX3-LF/U+	Timeplex	1	\$480.00	\$11.04	\$37.61	\$33.09	\$561.74	\$561.74	\$11.31	\$84.79	\$782.25
0318	Fiber Optic LIU (RR Protection)	TX3-LF/RR+	Timeplex	1	\$600.00	\$13.80	\$47.62	\$41.37	\$702.19	\$702.19	\$11.31	\$84.79	\$922.70
AUTOMATIC ALTERNATE ROUTING													
0319	Automatic Alternate Routing Platform/Enclosure	TX3-AAR/P (3)	Timeplex	1	\$6,400.00	\$147.20	\$501.52	\$441.25	\$7,489.97	\$7,489.97	\$113.04	\$847.82	\$9,894.27
0320	Automatic Alternate Routing Software One copy required for each Automatic Alternate Routing Platform	TX3-AAR/S (3)	Timeplex	1	\$4,000.00	\$92.00	\$313.45	\$275.78	\$4,681.23	\$4,681.23	\$107.39	\$847.82	\$6,817.73
INTERCONNECT DEVICES													
0321	DS-1 Termination Panel for 19" mountings. For termination of up to 24 DS-1S with bantam jacks for test access and monitoring	TX3-IP1	Timeplex	1	\$1,368.00	\$31.46	\$107.20	\$94.32	\$1,600.98	\$1,600.98		\$226.09	\$1,827.07
0322	Fiber Splice Box 19" 24 port Fiber Distribution enclosure including each 4 panel (8 ST Coupler Capacity) and 1 Mechanical Splice Tray (12 Splice). Order fiber couplers and patch cables separately.	TX3-FB1	Timeplex	1	\$384.00	\$8.83	\$30.09	\$26.47	\$449.39	\$449.39		\$226.09	\$675.48
0323	Fiber Splice Box 23	TX3-FB2	Timeplex	1	\$500.00	\$11.50	\$39.19	\$34.47	\$585.15	\$585.15			\$585.15
0324	Multimode mode ST Coupler Threaded	TX2-FCM	Timeplex	1	\$12.00	\$0.28	\$0.94	\$0.83	\$14.05	\$14.05			\$14.05
0325	Single mode ST Coupler Threaded	TX3-FCS	Timeplex	1	\$55.00	\$1.27	\$4.31	\$3.79	\$64.37	\$64.37			\$64.37
0326	Multimode Duplex Patch Cord 3' length	TX3-PCM	Timeplex	1	\$80.00	\$1.84	\$6.27	\$5.52	\$93.63	\$93.63			\$93.63
0327	Single Mode Duplex Patch Cord 3' length	TX3-PCS	Timeplex	1	\$110.00	\$2.53	\$8.62	\$7.58	\$128.73	\$128.73			\$128.73
SPARES													
0328	Controller Module	TX3-CM	Timeplex	1	\$2,800.00	\$64.40	\$219.41	\$193.05	\$3,276.86	\$3,276.86			\$3,276.86
0329	Timing Generator Module (Stratum 4)	TX3-TM	Timeplex	1	\$2,000.00	\$48.00	\$156.72	\$137.89	\$2,340.61	\$2,340.61			\$2,340.61
0330	Alarm Relay	TX3-AR+	Timeplex	1	\$240.00	\$5.52	\$18.81	\$16.55	\$280.88	\$280.88			\$280.88
0331	Alarm Relay	TX3-AR	Timeplex	1	\$240.00	\$5.52	\$18.81	\$16.55	\$280.88	\$280.88			\$280.88
0332	Power Converter (115 vac)	TX3-PS	Timeplex	1	\$720.00	\$16.56	\$53.42	\$49.84	\$842.62	\$842.62			\$842.62
0333	1/1 Crossconnect Module Jumper Cable	TX3-C1	Timeplex	1	\$15.00	\$0.35	\$1.18	\$1.03	\$17.56	\$17.56			\$17.56
0334	3/1 Crossconnect Module Jumper Cable	TX3-C3	Timeplex	1	\$15.00	\$0.35	\$1.18	\$1.03	\$17.56	\$17.56			\$17.56
0335	Service module, blank faceplate	TX3-CB	Timeplex	1	\$10.00	\$0.23	\$0.78	\$0.69	\$11.70	\$11.70			\$11.70
0336	LIU blank faceplate (1 slot)	TX3-LB	Timeplex	1	\$20.00	\$0.46	\$1.57	\$1.38	\$23.41	\$23.41			\$23.41
0337	DS-1 Cable set (2 cables per set) LIU to jack panel	TX3-K1	Timeplex	1	\$71.00	\$1.15	\$3.62	\$3.45	\$58.52	\$58.52			\$58.52
0338	User's Guide	TX3-UG	Timeplex	1	\$150.00	\$3.45	\$11.75	\$10.34	\$175.54	\$175.54			\$175.54
0339	1/1 MMIO Modules Jumper cables	TX3-MI	Timeplex	1	\$150.00	\$3.45	\$11.75	\$10.34	\$175.54	\$175.54			\$175.54
Basic Models													
0340	Integrated Access Node chassis with both I/BNP/ CPU and I/AR/CPU boards installed. I/BNP/CPU provides a single v.28 serial interface. I/AR/CPU comes with a 8MB of DRAM and 2MB of Flash EPROM memory. Up to 4 Access interface modules and / or up to 2 LAN/VAN interface modules may be added. Order IAN software and cables separately. Operator's manual included with software. Includes 768k of program memory on the I/BNP/CPU. At least one load device (ESU, PCLM, TIMEPAC SSU or TIMEVIEW 250C) must be present in the network. If SNMP is configured (activated) on the I/BNP/CPU, a buffer memory option of at least 2.5mb is highly recommended.	I/BNP-AR CPU	Timeplex	1	\$5,040.00	\$115.92	\$394.94	\$347.48	\$5,898.34	\$5,898.34	\$79.13	\$847.82	\$7,695.72
0341	Integrated Access Node chassis. Consists of an enclosure and 1 power supply. I/BNP/CPU and/or I/AR/CPU must be ordered separately. Order IAN software and cables separately. Operator's Manual included with software.	IAN/C	Timeplex	1	\$1,080.00	\$24.84	\$84.63	\$74.46	\$1,263.93	\$1,263.93	\$16.96	\$339.13	\$1,806.58
0342	Branch Node Processor CPU Board	I/BNP/CPU	Timeplex	1	\$2,250.00	\$51.75	\$176.31	\$155.13	\$2,633.19	\$2,633.19	\$28.27	\$359.13	\$3,311.56

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Required for IAN serial access applications.
Includes the BNP CPU tray and internal cable assembly. BNP CPU comes with single v.28 serial interface. Up to 4 Access interface modules may be added.
Order IAN software and cable assembly. Operator's manual included with software.
Includes 768K of program memory on the VBNP/CPU.
If SNMP is configured (activated) on the VBNP/CPU, a buffer memory option of at least 2.5mb is highly recommended.
At least one load device (ESU, PCLM, TIMEPAC SSU or TIME/VIEW 2500) must be present in the network.

0343	Access Router board. Required for IAN LAN applications. Includes the AR CPU tray and internal cable assembly. CPU comes with 8MB of DRAM and 2MB of Flash EPROM memory. Up to 2 LAN/WAN interface modules may be added. Order IAN software and cables separately. Operator's manual included w/ software.	IAN/AR/CPU	Timeplex	1	\$1,400.00	\$41.40	\$141.05	\$124.10	\$2,108.55	\$2,108.55	\$28.27	\$339.13	\$2,784.92
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LAN Interface Options (IAN/AR/CPU)

0344	1-port ethernet module	IAN/E	Timeplex	1	\$720.00	\$18.56	\$56.42	\$49.64	\$842.62	\$842.62	\$11.31	\$56.52	\$1,034.86
0345	2-port ethernet module	IAN/2E	Timeplex	1	\$1,800.00	\$41.40	\$141.05	\$124.10	\$2,108.55	\$2,108.55	\$28.27	\$84.79	\$2,530.58
0346	1-port Token Ring module	IAN/1T	Timeplex	1	\$1,620.00	\$37.26	\$128.95	\$111.69	\$1,895.90	\$1,895.90	\$28.27	\$56.52	\$2,291.66
0347	12-port 10Base-T module	IAN/10BaseT/12	Timeplex	1	\$1,620.00	\$37.26	\$128.95	\$111.69	\$1,895.90	\$1,895.90	\$33.92	\$109.58	\$2,472.50
0348	24-port 10Base-T module	IAN/10BaseT/24	Timeplex	1	\$2,810.00	\$60.03	\$204.52	\$179.95	\$3,054.50	\$3,054.50	\$56.52	\$305.21	\$4,037.95

WAN Interface Options (IAN/AR/CPU)

0349	2-port 449422 / v.11 wide area / serial module. Order cables separately	IAN/2W/449	Timeplex	1	\$910.00	\$18.63	\$63.47	\$55.85	\$947.95	\$947.95	\$11.31	\$84.79	\$1,168.46
0350	2-port v.35 wide area / serial module. Order cables separately	IAN/2W/V35	Timeplex	1	\$810.00	\$18.63	\$63.47	\$55.85	\$947.95	\$947.95	\$11.31	\$84.79	\$1,168.46
0351	2-port V.28 wide area / serial module. Order cables separately	IAN/2W/V28	Timeplex	1	\$810.00	\$18.63	\$63.47	\$55.85	\$947.95	\$947.95	\$11.31	\$84.79	\$1,168.46
0352	2-port wide area / serial module with 1 ISDN RJ-45 and 1 v.11 requires Xpress+ softw.	IAN/AR/ISDN/V11	Timeplex	1	\$1,800.00	\$41.40	\$141.05	\$124.10	\$2,108.55	\$2,108.55	\$33.92	\$169.58	\$2,683.15
0352	2-port wide area / serial module with 1 ISDN RJ-45 and 1 v.35 requires Xpress+ softw.	IAN/AR/ISDN/V35	Timeplex	1	\$1,800.00	\$41.40	\$141.05	\$124.10	\$2,108.55	\$2,108.55	\$33.92	\$169.58	\$2,683.15

Access Interface Card Options

0354	2-port v.11/X.21 Access Interface Module	IAN/2A/V11	Timeplex	1	\$450.00	\$10.35	\$35.26	\$31.03	\$526.64	\$526.64	\$5.65	\$28.27	\$622.71
0355	2-port v.28 Access Interface Module	IAN/2A/V28	Timeplex	1	\$450.00	\$10.35	\$35.26	\$31.03	\$526.64	\$526.64	\$5.65	\$28.27	\$622.71
0356	2-port v.35 Access Interface Module	IAN/2A/V35	Timeplex	1	\$450.00	\$10.35	\$35.26	\$31.03	\$526.64	\$526.64	\$5.65	\$28.27	\$622.71
0357	1-port Basic Rate ISDN Access Interface Module. Requires program memory of at least 768K. Units shipped prior to June 94 typically have only 512K program memory.	IAN/BNP/ISDN	Timeplex	1	\$878.00	\$20.19	\$68.80	\$60.53	\$1,027.52	\$1,027.52	\$16.96	\$113.04	\$1,344.06

Integrated Access Node Software

0358	Integrated Access Node standard software. Includes IAN/AR/CPU and VBNP/CPU frame relay. Includes VBNP/CPU ISDN software. Includes VBNP/CPU SNMP agent. Note: If VBNP/CPU will be configured for SNMP operation, at least 2.5mb of optional buffer memory is highly recommended. Latest revision level available will be provided unless otherwise requested. Includes Integrated Access Node installation and Maintenance Manual and two 3.5" diskettes containing Access Router User's Guide 1 and 2 and Branch Nodal Processor user's Guide 1 and 2 formatted as Microsoft Windows 3.1 help files.	IAN/XPRESS	Timeplex	1	\$100.00	\$2.30	\$7.84	\$6.89	\$117.03	\$117.03			\$117.03
0360	Integrated Access Node standard software plus Data Link Switching (DLSw) Local Network Management Services (LNMS), SDLC to LLC2 conversion, SMDS, and Access Router ISDN software. Latest revision level available will be provided. Includes Integrated Access Node installation and Maintenance Manual and two 3.5" diskettes containing Access router user's guide 1 & 2 and Branch Nodal Processor User's Guide 1 & 2 formatted as Microsoft Windows 3.1 help files.	IAN/XPRESS+	Timeplex	1	\$300.00	\$6.90	\$23.51	\$20.68	\$351.09	\$351.09			\$351.09
0361	Integrated Access Node standard software plus extended DoD security	IAN/XPRESS+G	Timeplex	1	\$800.00	\$18.40	\$62.69	\$55.18	\$936.25	\$936.25			\$936.25

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CLIN

Engineering Change and Product Refreshment

Includes Access Router and BNP frame relay. Includes VBNP/CPU ISDN software.
Includes VBNP/ SNMP enabling BNP CPU to become an SNMP agent.
Note: If VBNP/CPU will be configured for SNMP operation, at least 2.5mb
of optional buffer memory is highly recommended. Latest revision level available
will be provided. Includes Integrated Access Node Installation and Maintenance
Manual and 2 3.5" diskettes containing Access Router User's Guide 1 and 2
and Branch Nodal Processor User's Guide 1 and 2 formatted as Microsoft Windows
3.1 help files.

Integrated Access Node Hardware Options

		Part Number	Supplier	Qty.	Pulsar's Unit Cost	2.30% M&H	7.66% G&A	6.26% Fee	NRC's Unit Price	NRC's Ext. Price	FEE 5.00% Base Unit Monthly Maint. Price	FEE 5.00% Base Unit Install Price	NRC's Total Price
0362	PC Based load Manager. For upload and download of code and configuration Replaces ESU. Runs on 386 or 486 DOS PC	NP-PCLM	Timeplex	1	\$100.00	\$2.30	\$7.84	\$9.89	\$117.03	\$117.03			\$117.03
0363	Encryption option for Branch Nodal	B-NP-ENC	Timeplex	1	\$450.00	\$10.35	\$35.26	\$31.03	\$526.64	\$526.64	\$5.65	\$226.09	\$820.53
0364	Buffer Memory upgrade to expand VBNP/CPU to 2.5MB. Highly recommended for units configured to run SNMP	B-NP-BUF25	Timeplex	1	\$540.00	\$12.42	\$42.32	\$37.23	\$631.97	\$631.97	\$5.65	\$84.79	\$784.56
0365	Buffer Memory upgrade to expand to Branch NP to 8MB	B-NP-BUF8	Timeplex	1	\$1,080.00	\$24.84	\$84.63	\$74.46	\$1,263.93	\$1,263.93	\$18.96	\$84.79	\$1,552.24
0366	Expanded Program Memory. Upgrade to expand program memory from 512k to 768k or from 768k to 1024k. VBNP/CPUs with only 512k of program memory should be upgraded to 768k.	IAN/BNP/EPM	Timeplex	1	\$135.00	\$3.11	\$10.58	\$9.31	\$158.00	\$158.00	\$16.96	\$84.79	\$446.31
Inverse Multiplexor Products from ASCEND													
0367	Clin's 414 to 419 are installation and maintenance plans. Multiband Plus T1 Base Unit w/V.35/RS-449/X.21 Ports(DB44), RS232 Console Port(DB9) and PalmTop Port RJ-11 w/Console Cable	MB-T1-STD	Ascend	1	\$3,250.00	\$74.75	\$254.66	\$224.07	\$3,803.50	\$3,803.50			\$3,803.50
0368	Multiband Plus w/4 ISDN BRI S/T interfaces and 2 application V.35/RS-449/X.21 ports(DB44) RS232 Console Port(DB9) and PalmTop Port RJ-11 w/Console Cable Requires external NT1 and Power Supply	MB-4BRI	Ascend	1	\$2,600.00	\$59.80	\$203.74	\$179.26	\$3,042.80	\$3,042.80			\$3,042.80
0369	Multiband Plus w/8 ISDN BRI S/T interfaces and 2 application V.35/RS-449/X.21 ports(DB44) RS232 Console Port(DB9) and PalmTop Port RJ-11 w/Console Cable Requires external NT1 and Power Supply	MB-8BRI	Ascend	1	\$3,900.00	\$89.70	\$305.61	\$268.89	\$4,564.20	\$4,564.20			\$4,564.20
0370	Multiband Plus w/4 Switched 56, and 2 applications V.35/RS-449/X.21 ports(DB44) RS232 Console Port(DB9) and PalmTop Port RJ-11 w/Console Cable	MB-4SW56-2W	Ascend	1	\$2,600.00	\$59.80	\$203.74	\$179.26	\$3,042.80	\$3,042.80			\$3,042.80
0371	Multiband Plus w/4 Switched 56, 4-wire network interfaces and 2 applications V.35/RS-449/X.21 ports(DB44) RS232 Console Port(DB9) and PalmTop Port RJ-11 w/Console Cable	MB-4SW56-4W	Ascend	1	\$2,600.00	\$59.80	\$203.74	\$179.26	\$3,042.80	\$3,042.80			\$3,042.80
0372	Multiband Plus w/7 Switched 56, 2-wire network interfaces and 2 applications V.35/RS-449/X.21 ports(DB44) RS232 Console Port(DB9) and PalmTop Port RJ-11 w/Console Cable	MB-7SW56-2W	Ascend	1	\$3,900.00	\$89.70	\$305.61	\$268.89	\$4,564.20	\$4,564.20			\$4,564.20
0373	Multiband Plus w/7 Switched 56, 4-wire network interfaces and 2 applications V.35/RS-449/X.21 ports(DB44) RS232 Console Port(DB9) and PalmTop Port RJ-11 w/Console Cable	MB-7SW56-4W	Ascend	1	\$3,900.00	\$89.70	\$305.61	\$268.89	\$4,564.20	\$4,564.20			\$4,564.20
0374	Switched 56 2-Wire Multiband Plus Software	MB-SR-SW56-2W	Ascend	1	n/c								n/c
0375	Switched 56 4-Wire Multiband Plus Software	MB-SR-SW56-4W	Ascend	1	n/c								n/c
0376	BRI Multiband Plus Software w/ISDN Enabled	MB-SR-BRI-STD	Ascend	1	n/c								n/c

PLS 01 '95 11:43AM PULSAR LITH SYSTEMS

Nuclear Regulatory Commission
NRC-33-94-188
Master Clin List

CLIN	Engineering Change and Product Refreshment	Part Number	Supplier	Qty.	Pulsar's Unit Cost	2.30% M&H	7.66% G&A	6.26% Fee	NRC's Unit Price	NRC's Ext. Price	FEE 5.00%	FEE 5.00%	NRC's Total Price
											Base Unit Monthly Maint. Price	Base Unit Install Price	
0377	T1Multiband Plus Software	MB-SR-T1-STD	Ascend	1	n/c								n/c
0378	ISDN Network Termination interface	NT1U-220TC	Tone	1	\$170.00	\$3.91	\$13.32	\$11.72	\$196.95	\$198.95			\$198.95
0379	Power Supply for NT1	901034	Tone	1	\$26.00	\$0.60	\$2.04	\$1.79	\$30.43	\$30.43			\$30.43
0380	Optional Daughter Card for 2 CSU T1 (non-BMUXing) application ports	MB-HO-2PORT	Ascend	1	\$650.00	\$14.95	\$50.94	\$44.81	\$760.70	\$760.70			\$760.70
0381	Option for Ethernet Daughter Card for direct ethernet LAN connection	MB-HO-SNMP	Ascend	1	\$650.00	\$14.95	\$50.94	\$44.81	\$760.70	\$760.70			\$760.70
0382	Option for 1 DSX T1 Network Interface w/D4 or ESF and RJ-48C	MB-HO-1DSX	Ascend	1	n/c								
0383	Option for 1 CSU T1 Network Interface w/D4 or ESF and RJ-48C	MB-HO-CSU	Ascend	1	\$487.50	\$11.21	\$38.20	\$33.61	\$570.52	\$570.52			\$570.52
0384	Option for 2 DSX T1 Network Interface w/D4 or ESF and RJ-48C	MB-HO-2DSX	Ascend	1	\$650.00	\$14.95	\$50.94	\$44.81	\$760.70	\$760.70			\$760.70
0385	Option for 1 CSU T1 and 1 DSX Network Interface w/D4 or ESF and RJ-48C	MB-HO-CSUDSX	Ascend	1	\$1,137.50	\$26.16	\$89.14	\$78.43	\$1,331.23	\$1,331.23			\$1,331.23
0386	Option for 2 CSU T1 Network Interface w/D4 or ESF and RJ-48C	MB-HO-2CSU	Ascend	1	\$1,625.00	\$37.38	\$127.34	\$112.04	\$1,901.76	\$1,901.76			\$1,901.76
0387	Software incl's Ascend, Inverse Mux, BONDING, RS-366, V.25bis, DBA	MB-SP-COME/O	Ascend	1	\$2,437.50	\$56.06	\$181.01	\$168.05	\$2,852.62	\$2,852.62			\$2,852.62
0388	Software incl's Router DTE(LSU) Ascend, Inverse Mux, (AIM), RS-366, V.25bis, DBA	MP-SP-DATA	Ascend	1	\$1,950.00	\$44.85	\$152.81	\$134.44	\$2,282.10	\$2,282.10			\$2,282.10
0389	Software Video DTE incl's RS366, Ascend Inverse Mux(AIM), BONDING	MP-SP-VIDEO	Ascend	1	\$1,950.00	\$44.85	\$152.81	\$134.44	\$2,282.10	\$2,282.10			\$2,282.10
0390	Software for VSU to enable 3 SV-56 interfaces, RS366, AIM, BONDING (3 Chnls.)	MP-SP-VSU3S56	Ascend	1	\$325.00	\$7.48	\$25.47	\$22.41	\$380.36	\$380.36			\$380.36
0391	Software for VSU to enable 1 BRI interface, RS366, AIM, BONDING(2 Chnls.)	MP-SP-VSU1BRI	Ascend	1	\$325.00	\$7.48	\$25.47	\$22.41	\$380.36	\$380.36			\$380.36
0392	Multiband Plus Software Option for RS366 dialing	MB-SO-RS366	Ascend	1	\$325.00	\$7.48	\$25.47	\$22.41	\$380.36	\$380.36			\$380.36
0393	Multiband Plus Software Option for V.25bis dialing, supports HDLC	MB-SO-V25BIS	Ascend	1	\$325.00	\$7.48	\$25.47	\$22.41	\$380.36	\$380.36			\$380.36
0394	Multiband Plus x 21 control dial interface	MB-SO-X21	Ascend	1	\$325.00	\$7.48	\$25.47	\$22.41	\$380.36	\$380.36			\$380.36
0395	Multiband Plus Dynamic Bandwidth allocation for traffic monitoring(RealTime)	MB-SO-DBA	Ascend	1	\$650.00	\$14.95	\$50.94	\$44.81	\$760.70	\$760.70			\$760.70
0396	Multiband Plus Software Option, connecting robbed bit signal PBX to PRI	MB-SC-PRICNV	Ascend	1	\$650.00	\$14.95	\$50.94	\$44.81	\$760.70	\$760.70			\$760.70
0397	Multiband Plus Software Option for AIM and BONDING, supports N*56/64 Operation	MB-SO-NX	Ascend	1	\$1,950.00	\$44.85	\$152.81	\$134.44	\$2,282.10	\$2,282.10			\$2,282.10
0398	Multiband Plus Software for ISDN PRI signaling on the network interfaces	MB-SO-ISDN	Ascend	1	\$650.00	\$14.95	\$50.94	\$44.81	\$760.70	\$760.70			\$760.70
0399	Multiband Plus Software for ISDN Multirate to support carrier based dialable services	MB-SO-MRATE	Ascend	1	\$650.00	\$14.95	\$50.94	\$44.81	\$760.70	\$760.70			\$760.70
0400	MAX Base Unit T1/PRI w/2 applications V.35/RS449/X.21 ports DB44, RS232 Console DB9 and palmtop port RJ11	MX-2T1	Ascend	1	\$6,500.00	\$149.50	\$509.35	\$448.14	\$7,606.99	\$7,606.99			\$7,606.99
0401	MAX T1/PRI Software w/Documentation	MX-SR-T1-STD	Ascend	1	n/c								
0402	Dual DSX T1 Network Interface for T1/PRI MAX	MX-HO-2DSX	Ascend	1	n/c								
0403	One CSU and one DSX T1 Network Interface for T1/PRI MAX	MX-HO-1CSUDSX	Ascend	1	\$487.50	\$11.21	\$38.20	\$33.61	\$570.52	\$570.52			\$570.52
0404	Dual CSU T1 Network Interface for T1/PRI MAX	MX-HO-2CSU	Ascend	1	\$975.00	\$22.43	\$76.40	\$67.22	\$1,141.05	\$1,141.05			\$1,141.05
0405	Slotcard 2 T1/CSU interfaces(RJ48C) w/internal CSU	MX-SL-2CSU	Ascend	1	\$2,275.00	\$52.33	\$178.27	\$156.55	\$2,662.45	\$2,662.45			\$2,662.45
0406	Slotcard 2 T1/DSX interfaces(RJ48C) w/DSX interfaces	MX-SL-2DSX	Ascend	1	\$1,625.00	\$37.38	\$127.34	\$112.04	\$1,901.76	\$1,901.76			\$1,901.76
0407	Slotcard 8 BRI S/T interfaces for connection to ISDN BRI S/T Network Services	MX-SL-8BRIN	Ascend	1	\$2,925.00	\$67.28	\$229.21	\$201.67	\$3,423.16	\$3,423.16			\$3,423.16
0408	Slotcard adds 2 V.35/RS449/X.21 application IMUX DTE Ports (DB44)	MX-SL-2PMHP	Ascend	1	\$2,800.00	\$69.80	\$203.74	\$179.26	\$3,042.80	\$3,042.80			\$3,042.80
0409	Slotcard 6 DTE V.35/RS449/X.21 application IMUX DTE ports (No Cables)	MX-SL-6PM-PYM	Ascend	1	\$4,225.00	\$97.18	\$331.08	\$291.29	\$4,944.55	\$4,944.55			\$4,944.55
0410	Slotcard 6 DTE V.35/RS449/X.21 application IMUX DTE ports w/Cables	MX-SL-6PMHP	Ascend	1	\$4,550.00	\$104.65	\$356.55	\$310.70	\$5,324.90	\$5,324.90			\$5,324.90
0411	Ethernet Slotcard w/32 channels HDLC processor w/AUI,BNC and 10Base-T	MX-SL-32ETH	Ascend	1	\$2,275.00	\$52.33	\$178.27	\$155.85	\$2,662.45	\$2,662.45			\$2,662.45
0412	Slotcard 32 Channel HDLC Processor adds support for up to 32 DS0B-Channel	MX-SL-32HDLC	Ascend	1	\$1,625.00	\$37.38	\$127.34	\$112.04	\$1,901.76	\$1,901.76			\$1,901.76
0413	Slotcard 8 channel modem processor support for up to 8 V.32bis modem connection	MX-SL-8MOD	Ascend	1	\$3,120.00	\$71.76	\$244.49	\$215.11	\$3,651.36	\$3,651.36			\$3,651.36
0414	Multiband Plus Product Installation(On-Site of a single unit)	MB-CS-INSTALL	Ascend	1								\$881.74	\$881.74

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											Base Unit Monthly Maint. Price	Base Unit install Price	
0415	Multiband Plus Product Installation(On-Site of 2nd or subsequent units)	MB-CS-INSTALL2	Ascend	1									
0416	Multiband Plus Service Support Program 24hr. Spare in Air (15Months Warranty)	MB-CS-FSSL	Ascend	1							\$1,130.43	\$514.34	\$1,130.43
0417	Multiband MAX Product Installation(On-Site of a single unit)	MX-CS-INSTALL	Ascend	1								\$1,910.42	\$1,910.42
0418	Multiband MAX Product Installation(On-Site of 2nd or subsequent units)	MX-CS-INSTALL2	Ascend	1								\$881.74	\$881.74
0419	Multiband MAXPlus Service Support Program 24hr. Spare in Air (15Months Warranty)	MX-CS-FSSL	Ascend	1							\$2,260.86		\$2,260.86
NETWORK GENERAL SNIFFER PRODUCTS													
All Products 1 year return to factory warranty, customer installable													
0420	Module and software Sniffer Analyzer for Token Ring with HS interface core software and license, protocol interpreters, Expert Sniffer Applications, one year software/board warranty	MS-80-TRX-E	Net Gen	1	\$12,090.00	\$278.07	\$947.39	\$833.55	\$14,149.01	\$14,149.01			\$14,149.01
0421	Second Year software and Interface Board Support Includes all updates,bulletin board, and phone in technical support	TA-C735	Net Gen	1	\$1,695.00	\$38.99	\$132.82	\$118.88	\$1,983.67	\$1,983.67			\$1,983.67
0422	Second Year software and Interface Board Support if FDDI included includes all updates,bulletin board, and phone in technical support	TA-9735FS	Net Gen	1	\$2,695.00	\$61.99	\$211.19	\$185.81	\$3,153.99	\$3,153.99			\$3,153.99
0423	Add-on Interface and software for WAN, HS Interface, software for X.25, Frame Relay, T-1, Leased Lines, SNA, Expert Applications	IM-60-HSX-E	Net Gen	1	\$8,190.00	\$188.37	\$641.78	\$564.66	\$9,584.81	\$9,584.81			\$9,584.81
0424	Module and software for Ethernet, includes PCMCIA board, License Expert Applications, one year software/board warranty	IM-60-ENX-E	Net Gen	1	\$5,850.00	\$134.55	\$458.42	\$403.33	\$6,846.30	\$6,846.30			\$6,846.30
0425	Module and software for FDDI single attach., includes PCMCIA board, License Expert Applications, one year software/board warranty	IM-60-FDX-C	Net Gen	1	\$10,530.00	\$142.19	\$825.15	\$725.99	\$12,323.33	\$12,323.33			\$12,323.33
0426	Dolch Portable Add-In Computer (Model 60) w/4 EISA Slots Sniffer platform, 486/66MHz Color Unit w/8MB RAM, 270MB Hard Disk	PAC-60	Dolch	1	\$8,995.00	\$180.89	\$548.14	\$482.27	\$8,186.30	\$8,186.30			\$8,186.30
0427	8MB Memory Upgrade	PMU-8	Dolch	1	\$375.00	\$8.63	\$29.39	\$25.88	\$438.88	\$438.88			\$438.88
TIMEPLEX PROPOSED ADDITIONS REQUESTED 5/9/95													
0428	Network module w/ Stratum3 clock	NCL+/SL	TIMEPLEX	1	\$3,713.00	\$85.40	\$260.96	\$255.99	\$4,345.35	\$4,345.35	N/A	\$384.34	\$4,729.69
0429	Upgrade NCL+/SL to NCL+/SL (per NCL) Digital PLL Daughter Board * Module ID Prom	Upgr NCL+/SL PLL Digital PLL D/B Module ID Prom	TIMEPLEX	1	\$1,350.00	\$31.05	\$105.79	\$93.08	\$1,579.92	\$1,579.92	N/A	\$565.22	\$2,145.14
0430	Station clock main shelf w/ power (19")	AUSA25478585	TIMEPLEX	1	\$1,890.00	\$43.47	\$148.10	\$130.31	\$2,211.88	\$2,211.88	\$299.57	\$1,130.43	\$3,641.88
0431	DS1 input module	AUSA23476554	TIMEPLEX	1	\$1,191.00	\$27.39	\$93.33	\$82.11	\$1,393.83	\$1,393.83	INCL	INCL **	
0432	Processor module	AUSA234785611	TIMEPLEX	1	\$2,099.00	\$48.28	\$164.48	\$144.72	\$2,456.48	\$2,456.48	INCL	INCL **	
0433	Stratum2 clock module	AUSA234785881	TIMEPLEX	1	\$11,245.00	\$258.64	\$881.18	\$775.29	\$13,160.11	\$13,160.11	INCL	INCL **	
0434	Stratum3 clock module	AUSA234782721	TIMEPLEX	1	\$1,985.00	\$45.66	\$155.55	\$136.88	\$2,323.07	\$2,323.07	INCL	INCL **	
0435	Frame Generator module T1/clock composite	AUSA23478305	TIMEPLEX	1	\$878.00	\$20.19	\$68.80	\$60.53	\$1,027.52	\$1,027.52	INCL	INCL **	
0439	DS1 (T1/E1) output module	AUSA23478309	TIMEPLEX	1	\$1,788.00	\$41.08	\$139.95	\$123.14	\$2,090.17	\$2,090.17	INCL	INCL **	
0440	OPTION: DUAL 25 PAIR WW PANEL	AUSA22078314	TIMEPLEX	1	\$365.00	\$8.40	\$28.80	\$25.17	\$427.17	\$427.17	INCL	INCL **	
0441	OPTION: STRATUM 2 RUBIDIUM CLOCK MODULE	AUSA23478272	TIMEPLEX	1	\$13,839.00	\$313.70	\$1,068.78	\$940.34	\$15,961.82	\$15,961.82	INCL	INCL **	
0442	OPTION: Sine Input Module (1,1,10 Mhz)	AUSA23478935	TIMEPLEX	1	\$1,072.00	\$24.86	\$84.00	\$73.91	\$1,254.57	\$1,254.57	INCL	INCL **	

** Installation of additional clock modules after the initial installation.
The first module is at 100%, second at 75%, third and subsequent at 50% for the
same visit and chassis.

* A credit of \$650.00 will be given once the original daughter bd is returned to Timeplex