

**Appendix A**  
**Bidders List**

## **J. Additional Required Information**

Bidders must supply the following additional information:

1. Any guaranteed response time for circuit trouble calls.
2. Policy of refunds for circuit outages.
3. Mean Time To Repair (MTTR) on digital circuits.
4. Mean Time Between Failure (MTBF) on digital circuits.
5. Special termination equipment required, if any.
6. Physical Transmission medium, i.e. copper, fiber, microwave.
7. Circuit Installation dates - desired February 1, 1992.
8. A description of trouble-shooting procedures and capabilities, including escalation process with time.
9. If any additional discounts are available, the bidder should supply them. Such might apply for annual or multi-year contracts. Westnet can only commit to multi-year contracts subject to appropriate funding from the National Science Foundation. Nevertheless, bidders are encouraged to bid additional discounts which may apply under this proviso.
10. Redundancy inherent in the scheme.
11. Bidders may supply additional information, as they deem appropriate. This may include such as: (1) value-added services, (2) technical description of the technology, (3) on-line, real-time error analysis capability (e.g., ESF, etc.), (4) cisco cards or ports with which this technology has been shown to be compatible, and (5) interfaces with which this has been shown to be compatible.
12. Value-added services. For example, SMDS circuit monitoring/checking to determine if bidder's communication equipment is functioning correctly, or to detect outages/problems before Westnet does, etc.

## I. Installation and Monthly Costs for Item 9

Item 9: Circuits using alternative technology. Since the interconnection method is unspecified, the bidder should include a technical description of the technology as well as a proposed interconnection topology (including data or transmission rate of the connection). As charging may be based upon unspecified factors, the bidder may supply a cost algorithm, rather than specific monthly costs. Annual prices are to be quoted, by month.

	Installation Cost	Monthly Cost
<b>Arizona:</b>		
1. UA	_____	_____
2. ASU	_____	_____
3. NAU	_____	_____
<b>Colorado:</b>		
4. CSM	_____	_____
5. CSU	_____	_____
6. UCB	_____	_____
7. UCCS	_____	_____
8. UCD	_____	_____
9. UD	_____	_____
10. NCAR	_____	_____
<b>Idaho:</b>		
11. BSU	_____	_____
12. INEL	_____	_____
13. ISU	_____	_____
<b>New Mexico:</b>		
14. NMIMT	_____	_____
15. UNM	_____	_____
16. NMT	_____	_____
17. NMSU	_____	_____
18. WSMR	_____	_____
<b>Utah:</b>		
19. BYU	_____	_____
20. UU	_____	_____
21. USU	_____	_____
<b>Wyoming:</b>		
22. UW	_____	_____

## H. Installation and Monthly Costs for Item 8

Item 8: Frame Relay Circuits at T-1 (up to approximately 1.544 Mbps) data rate. Provided are the locations to be connected via Frame Relay. As the charging may be based on unspecified factors, the bidder may supply a cost algorithm, rather than specific monthly costs. Annual prices are to be quoted, by month.

	Installation Cost	Monthly Cost
<b>Arizona:</b>		
1. ASU	_____	_____
2. UA	_____	_____
3. NAU	_____	_____
<b>Colorado:</b>		
4. CSM	_____	_____
5. CSU	_____	_____
6. UCB	_____	_____
7. UCCS	_____	_____
8. UCD	_____	_____
9. UD	_____	_____
10. NCAR	_____	_____
<b>Idaho:</b>		
11. BSU	_____	_____
12. INEL	_____	_____
13. ISU	_____	_____
<b>New Mexico:</b>		
14. NMSU	_____	_____
15. NMIMT	_____	_____
16. UNM	_____	_____
17. NMT	_____	_____
18. WSMR	_____	_____
<b>Utah:</b>		
19. BYU	_____	_____
20. USU	_____	_____
21. UU	_____	_____

**E. Installation and Monthly Costs for Item 5**

Item 5: Circuits at T-3 SMDS (up to 45 Mbps) data rate. Provided are the locations to be connected to the SMDS network. If the charging is based upon traffic or usage, the bidder may supply a cost algorithm, rather than specific monthly costs. Annual prices are to be quoted, by month.

	Installation Cost	Monthly Cost
<b>Arizona SMDS Network:</b>		
1. ASU	_____	_____
2. UA	_____	_____
3. NAU	_____	_____
<b>Colorado SMDS Network:</b>		
4. CSM	_____	_____
5. CSU	_____	_____
6. UCB	_____	_____
7. UCCS	_____	_____
8. UCD	_____	_____
9. UD	_____	_____
10. NCAR	_____	_____
<b>Idaho SMDS Network:</b>		
11. BSU	_____	_____
12. INEL	_____	_____
13. ISU	_____	_____
<b>New Mexico SMDS Network:</b>		
14. NMSU	_____	_____
15. NMIMT	_____	_____
16. UNM	_____	_____
17. NMT	_____	_____
18. WSMR	_____	_____
<b>Utah SMDS Network:</b>		
19. BYU	_____	_____
20. USU	_____	_____
21. UU	_____	_____
<b>Inter-State SMDS Network:</b>		
22. INEL	_____	_____
23. UU	_____	_____
24. NMSU	_____	_____
25. NMT	_____	_____
26. UA	_____	_____
27. UW	_____	_____
28. NCAR	_____	_____

## G. Installation and Monthly Costs for Item 7

Item 7: Frame Relay Circuits at 256 kbps data rate. Provided are the locations to be connected via Frame Relay. As the charging may be based on unspecified factors, the bidder may supply a cost algorithm, rather than specific monthly costs. Annual prices are to be quoted, by month.

	Installation Cost	Monthly Cost
<b>Arizona:</b>		
1. ASU	_____	_____
2. UA	_____	_____
3. NAU	_____	_____
<b>Colorado:</b>		
4. CSM	_____	_____
5. CSU	_____	_____
6. UCB	_____	_____
7. UCCS	_____	_____
8. UCD	_____	_____
9. UD	_____	_____
10. NCAR	_____	_____
<b>Idaho:</b>		
11. BSU	_____	_____
12. INEL	_____	_____
13. ISU	_____	_____
<b>New Mexico:</b>		
14. NMSU	_____	_____
15. NMIMT	_____	_____
16. UNM	_____	_____
17. NMT	_____	_____
18. WSMR	_____	_____
<b>Utah:</b>		
19. BYU	_____	_____
20. USU	_____	_____
21. UU	_____	_____

**F. Installation and Monthly Costs for Item 6**

Item 6: Frame Relay Circuits at 64 kbps data rate. Provided are the locations to be connected via Frame Relay. As the charging may be based on unspecified factors, the bidder may supply a cost algorithm, rather than specific monthly costs. Annual prices are to be quoted, by month.

	Installation Cost	Monthly Cost
<b>Arizona:</b>		
1. ASU	_____	_____
2. UA	_____	_____
3. NAU	_____	_____
<b>Colorado:</b>		
4. CSM	_____	_____
5. CSU	_____	_____
6. UCB	_____	_____
7. UCCS	_____	_____
8. UCD	_____	_____
9. UD	_____	_____
10. NCAR	_____	_____
<b>Idaho:</b>		
11. BSU	_____	_____
12. INEL	_____	_____
13. ISU	_____	_____
<b>New Mexico:</b>		
14. NMSU	_____	_____
15. NMIMT	_____	_____
16. UNM	_____	_____
17. NMT	_____	_____
18. WSMR	_____	_____
<b>Utah:</b>		
19. BYU	_____	_____
20. USU	_____	_____
21. UU	_____	_____

**D. Installation and Monthly Costs for Item 4**

Item 4: Circuits at T-1 SMDS (up to 1.544 Mbps) data rate. Provided are the locations to be connected to the SMDS Network. If the charging is based upon traffic or usage, the bidder may supply a cost algorithm, rather than specific monthly costs. Annual prices are to be quoted, by month.

	Installation Cost	Monthly Cost
<b>Arizona SMDS Network:</b>		
1. ASU	_____	_____
2. UA	_____	_____
3. NAU	_____	_____
<b>Colorado SMDS Network:</b>		
4. CSM	_____	_____
5. CSU	_____	_____
6. UCB	_____	_____
7. UCCS	_____	_____
8. UCD	_____	_____
9. UD	_____	_____
10. NCAR	_____	_____
<b>Idaho SMDS Network:</b>		
11. BSU	_____	_____
12. INEL	_____	_____
13. ISU	_____	_____
<b>New Mexico SMDS Network:</b>		
14. NMSU	_____	_____
15. NMIMT	_____	_____
16. UNM	_____	_____
17. NMT	_____	_____
18. WSMR	_____	_____
<b>Utah SMDS Network:</b>		
19. BYU	_____	_____
20. USU	_____	_____
21. UU	_____	_____
<b>Inter-State SMDS Network:</b>		
22. INEL	_____	_____
23. UU	_____	_____
24. NMSU	_____	_____
25. NMT	_____	_____
26. UA	_____	_____
27. UW	_____	_____
28. NCAR	_____	_____



### C. Installation and Monthly Costs for Item 3

Item 3: Dedicated point-to-point circuits at T-3 (45 Mbps) data rate. Annual prices are to be quoted, by month.

	Installation Cost	Monthly Cost
<b>Arizona:</b>		
1. ASU to UA	_____	_____
2. NAU to ASU	_____	_____
3. UA to UU	_____	_____
<b>Colorado:</b>		
4. CSM to UCB	_____	_____
5. CSU to UCB	_____	_____
6. UCB to NCAR	_____	_____
7. UCCS to UCD	_____	_____
8. UCD to UCB	_____	_____
9. UD to UCD	_____	_____
<b>Idaho:</b>		
10. BSU to INEL	_____	_____
11. INEL to ISU	_____	_____
12. INEL to UU	_____	_____
<b>New Mexico:</b>		
13. NMSU to NMT	_____	_____
14. NMIMT to NMT	_____	_____
15. UNM to NMT	_____	_____
16. NMT to NCAR	_____	_____
17. NMT to UA	_____	_____
18. NMSU to UA	_____	_____
19. WSMR to NMSU	_____	_____
<b>Utah:</b>		
20. BYU to UU	_____	_____
21. USU to UU	_____	_____
<b>Wyoming:</b>		
22. UW to CSU	_____	_____

## B. Installation and Monthly Costs for Item 2

Item 2: Dedicated point-to-point circuits at T-1 (1.544 Mbps) data rate. Annual prices are to be quoted, by month.

	Installation Cost	Monthly Cost
<b>Arizona:</b>		
1. ASU to UA	_____	_____
2. NAU to ASU	_____	_____
3. UA to UU	_____	_____
<b>Colorado:</b>		
4. CSM to UCB	_____	_____
5. CSU to UCB	_____	_____
6. UCB to NCAR	_____	_____
7. UCCS to UCD	_____	_____
8. UCD to UCB	_____	_____
9. UD to UCD	_____	_____
<b>Idaho:</b>		
10. BSU to INEL	_____	_____
11. INEL to ISU	_____	_____
12. INEL to UU	_____	_____
<b>New Mexico:</b>		
13. NMSU to NMT	_____	_____
14. NMIMT to NMT	_____	_____
15. UNM to NMT	_____	_____
16. NMT to NCAR	_____	_____
17. NMT to UA	_____	_____
18. NMSU to UA	_____	_____
19. WSMR to NMSU	_____	_____
<b>Utah:</b>		
20. BYU to UU	_____	_____
21. USU to UU	_____	_____
<b>Wyoming:</b>		
22. UW to CSU	_____	_____

**A. Installation and Monthly Costs for Item 1**

Item 1: Dedicated point-to-point circuits at 56 kbps data rate. Annual prices are to be quoted, by month.

	Installation Cost	Monthly Cost
<b>Arizona:</b>		
1. ASU to UA	_____	_____
2. NAU to ASU	_____	_____
3. UA to UU	_____	_____
<b>Colorado:</b>		
4. CSM to UCB	_____	_____
5. CSU to UCB	_____	_____
6. FLC to MSC	_____	_____
7. MSC to UNC	_____	_____
8. UCB to NCAR	_____	_____
9. UCCS to UCD	_____	_____
10. UCD to UCB	_____	_____
11. UD to UCD	_____	_____
12. UNC to UCB	_____	_____
<b>Idaho:</b>		
13. BSU to INEL	_____	_____
14. INEL to ISU	_____	_____
15. INEL to UU	_____	_____
<b>New Mexico:</b>		
16. NMSU to NMT	_____	_____
17. NMIMT to NMT	_____	_____
18. UNM to NMT	_____	_____
19. NMT to NCAR	_____	_____
20. NMT to UA	_____	_____
21. NMSU to UA	_____	_____
22. WSMR to NMSU	_____	_____
<b>Utah:</b>		
23. BYU to UU	_____	_____
24. USU to UU	_____	_____
<b>Wyoming:</b>		
25. UW to CSU	_____	_____

## **SECTION IV. Information Required From Bidders**

Each Bidder must respond to every item in this section and each piece of submitted material **MUST** be labeled with the appropriate subsection identification. For example, all Bidder's materials submitted in response to the second item of subsection "IV-J-2:- Additional Required Information" must be clearly labeled, "IV-J-2". If a particular item is not supported or applicable, answer "Not Applicable" or "N/A." Each Bidder **MUST** organize their RFP response to exactly correspond to the order in which information is requested in SECTION IV.

All pricing **MUST** include any educational discounts. Indicate the percent of any educational discounts. Also, the Bidder is to provide all applicable discounts, including discounts for the State of Colorado and federal contracts such as apply to the National Science Foundation Internet. This project is sponsored by the National Science Foundation under contract NCR-8620369.

Contact(s);

**Wyoming:**

**University of Wyoming (UW)**

Knight Hall, Room 74  
13<sup>th</sup> and Ivinson Streets  
Laramie, WY 82071  
Contact(s);

**C. Required Digital Circuits.**

This RFP is a solicitation for quotations to provide Westnet's digital circuits as shown in Fig. 1. Numerous quotations are requested: (1) 56 kbps, (2) T-1, (3) T-3, (4) SMDS T-1, (5) SMDS T-3, (6) Frame Relay 56K, (7) Frame Relay 256K, (8) Frame Relay T-1, and (9) other technologies. In all cases, the Bidder is to provide end-to-end services, including installation, error testing, fault isolation, maintenance, and coordination of repair. Individual items required to be bid are listed in Section IV of this proposal.

**New Mexico Technet (NMT)**

4200 Osuna, Suite 103  
Albuquerque, NM 87109  
Contact(s);  
Lee Reynolds (505) 345-6555

**New Mexico Institute of Mining and Technology (NMIMT)**

Workman 27A  
Campus Drive  
Campus Station N  
Socorro, NM 87801  
Contact(s);  
Mark Reynolds (505) 835-5700

**New Mexico State University (NMSU)**

Computer Center  
Stewart and Sweet Streets  
Las Cruces, NM 88003  
Contact(s);  
Jeff Harris (505) 646-5110  
Mark St. Paul (505) 646-2339

**University of New Mexico (UNM)**

CIRT  
2701 Campus Blvd. NE  
Albuquerque, NM 87131  
Contact(s);  
Don Doerner (505) 277-8036

**White Sands Missile Range (WSMR)**

Bldg 123  
White Sands Missile Range, NM 88002  
Contact(s);  
Frank Wancho (505) 678-9124

**Utah:**

**Brigham Young University (BYU)**

Mountain Bell Demarcation Point  
Building 159 TMCB  
Provo, UT 84602  
Contact(s);

**University of Utah (UU)**

3550 Merrill Engineering Bldg.  
Salt Lake City, UT 84112  
Contact(s);

**Utah State University (USU)**

Seer Building, Room 321  
Logan, UT 84322-4410

Rob Garvie (719) 593-3358

**University of Colorado at Denver (UCD)**

1200 Larimer Street North

Classroom Bldg. Rm 2208

Denver, CO 80204

Contact(s);

Randy Hagan (303) 556-2312

Frank Edlin (303) 556-2583

**University of Northern Colorado at Boulder (UNC)**

Carter Hall

Rm.14

Greeley, CO 80639

Contact(s);

Phil Gleckler (303) 351-2336 ext. 6136

**Denver University (UD)**

2020 S. Race

Business Administration Rm BA367

Denver, CO 80208

Contact(s);

Byron Early (303) 871-2089

**Idaho:**

**Boise State University (BSU)**

College of Business Building

Room 107

Boise, ID 83725

Contact(s);

Mike Urizar (208) 385-1151

**Idaho National Engineering Laboratory (INEL)**

INEL Supercomputer Center

1155 Foote Drive

Room B-5

Idaho Falls, ID 83415-2603

Contact(s);

Jeff Pack (208) 526-0007

Alan Powers (208) 526-9498

**Idaho State University (ISU)**

Eile Obler Library

Building #50, Rm. B81 850

S. 9<sup>th</sup> Street

Pocatello, ID 83209

Contact(s);

Brian Hughes (208) 236-2755

**New Mexico:**

**Colorado:**

**Colorado School of Mines (CSM)**

1500 Illinois  
Green Center Rm 284  
Golden, CO 80401  
Contact(s);  
Kathleen Lamb (303)273-3436

**Colorado State University (CSU)**

Engineering Building - E Wing Rm E7  
Fort Collins, CO 80523  
Contact(s);  
Bill Kamm (303) 491-5194  
Dick Hill (303) 491-5164

**Fort Lewis College (FLC)**

Bader A, Basement  
Fort Lewis College  
Durango, CO 81301  
Contact(s);  
John Ter Maat (303) 247-7518

**Mesa State College (MSC)**

Houston Center, Rm. 115  
1175 Texas Ave.  
Grand Junction, CO 81501  
Contact(s);  
Jerry Nolan (303) 248-1747

**National Center for Atmospheric Research (NCAR)**

Room 34A  
1850 Table Mesa Drive  
Boulder, CO 80303  
Contact(s);  
Jim Weber (303) 497-1251  
Don Morris (303) 497-1282

**University of Colorado at Boulder (UCB)**

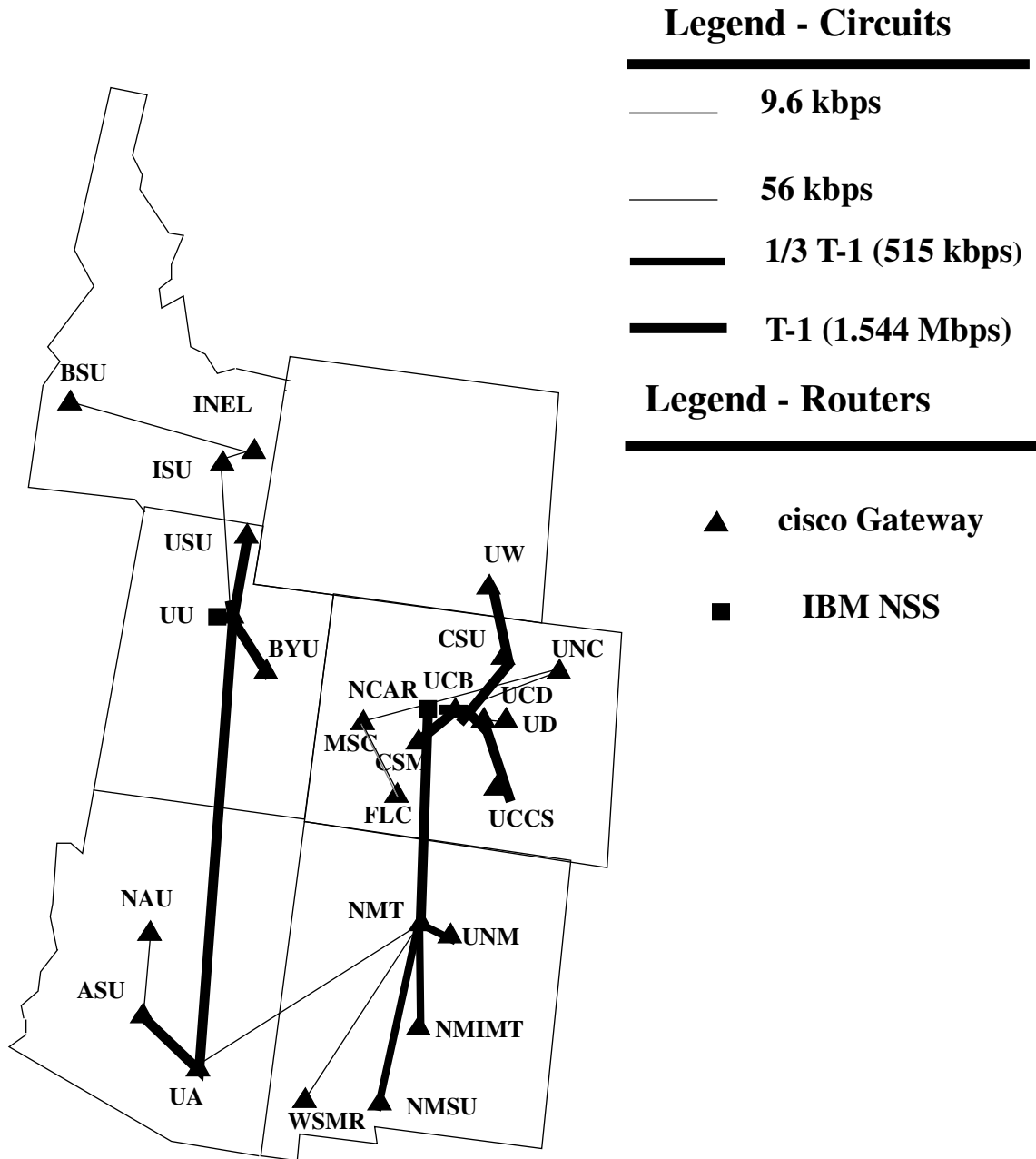
3645 Marine Street  
Rm 223A  
Boulder, CO 80309-0455  
Contact(s);  
Scott Smith (303) 492-3870

**University of Colorado at Colorado Springs (UCCS)**

Austin Bluffs Pkwy  
Dwire Hall, Rm 260  
Colorado Springs, CO 80933-7150  
Contact(s);



*Fig. 1 WESTNET MAP  
Summer 1991*



## **SECTION III. WESTNET CIRCUIT REQUIREMENTS**

### **A. Overview with Figure 1**

In 1986, the National Science Foundation (NSF), initiated a program to provide moderate speed data communications to all major research universities in the United States. The NSF's intent was to provide access to all NSF Phase II Supercomputing Centers, and to promote collaboration and interaction among researchers. The model for the network is hierarchical, with a national backbone, NSFNET, interconnecting the NSF Phase II Supercomputer Centers and the National Center for Atmospheric Research (NCAR). The NSFNET backbone is currently running at T-1 and T-3 speeds.

NSFNET is intended to interconnect regional networks which are organized geographically to include several states. Westnet is the NSF regional network in the western region of the United States, including nodes in the states of Arizona, Colorado, Idaho, New Mexico, Utah and Wyoming. Westnet currently includes nodes at over 60 sites (NCAR is excluded from the count as it is an NSFNET node). The primary (core) nodes only are shown in Fig. 1. NSF regional networks such as Westnet provide connectivity to individual sites, which are expected to implement Local Area Networks (LAN's) to provide connectivity to individual researchers.

All circuits are to be provided by the Bidder and should provide full duplex service. Westnet will provide its own CSU/DSU's (channel service unit/data service unit) for 56 kbps data rate circuits and its own DSU's at T-1, T-3 and SMDS T-1 and SMDS T-3 data rates.

### **B. Exact Locations of Westnet Circuit Drops**

#### **Arizona:**

##### **Arizona State University (ASU)**

Old Main, Room 138

Building 32

Tempe, AZ 85287

Contact(s);

Art Cantral (303) 965-1206

##### **Northern Arizona University (NAU)**

Information Systems

Building 54

Flagstaff, AZ 86011

Contact(s);

Danny Henderson (602) 523-5893

##### **University of Arizona (UA)**

University Computer Center

Building 73, Room 150

Southeast Corner of Speedway and Mountain

1077 North Highland

Tucson, AZ 85721

Contact(s);

Ted Frohling (602) 621-4834

along with each offeror's initial base price (if available), will be read aloud at the bid opening. Inspection of Bidders' proposals will not be allowed until after award of the contract.

**V. PRICE DECREASES:** During the effective term of this contract it will be the responsibility of the Bidder to notify and pass-on immediately to the University any and all price decreases. The University must be given the benefit of the lower price.

**W. ADDITIONAL TERMS AND CONDITIONS:** Bidder must provide quotations for circuit installations and monthly circuit costs, beginning no later than February 1, 1992. If the Bidder can meet an earlier installation the Bidder is asked to so specify. Colorado State University intends to pay for those circuits ordered through January 31, 1993. Monthly circuit costs from February 1, 1992 through June 30, 1992 will be paid for using one purchase order; monthly circuit costs for succeeding years will be paid on annual purchase orders for periods of July 1 through June 30. The University will not prepay any charges. All charges will be paid monthly in arrears.

CSU reserves the right to order none, any, or all of the circuits which are quoted.

provisions into any contract negotiations as a result of a proposal submitted in response to this RFP. The required clauses to do business with the State of Colorado are listed below.

1. The laws of the State of Colorado and the rules and regulations issued pursuant thereto shall be applied in the interpretation, execution and enforcement of this agreement.
2. The signatories hereto aver that they are familiar with CRS 1973, 18-8-301, et seq. (Bribery and Corrupt Influence) and 18-8-401, et seq. (Abuse of Public Office) as amended, and that no violation of such provisions is present.
3. The signatories aver that to his/her knowledge, no University employee has any personal or beneficial interest whatsoever in the service or property described herein.
4. The contractor agrees as a part of this agreement that it will comply with all applicable laws regarding discrimination on the basis of race, creed, color, sex, or handicap including, but not limited to, Executive Order 11246 as amended or as may be further amended hereafter.
5. Financial obligations of the University beyond the current fiscal year are contingent upon funds being appropriated, budgeted or otherwise made available.
6. **INDEMNIFICATION:** To the extent authorized by law, the contractor shall indemnify, save and hold harmless the State, its employees and agents, against any and all claims, damages, liability and court awards including costs, expenses, and attorney fees incurred as a result of any act or omission by the contractor, or its employees, agents, subcontractors, or assignees pursuant to the terms of this contract.
7. **LIABILITY EXPOSURE:** The parties hereto understand and agree that liability of the State of Colorado, its departments, institutions, agencies, boards, officials and employees is controlled and limited by the provisions of 24-10-101, et seq., C.R.S., as amended and 24-30-1501, et seq., C.R.S. as amended. Any provisions of this agreement, whether or not incorporated herein by reference, shall be controlled, limited and otherwise modified so as to limit any liability of the State of Colorado to the above cited laws.

**R. INSTALLATION POINTS FOR PROPOSAL:** All proposals shall be for circuits installed at the nodes referenced in Section III of this RFP, and shall include end-to-end set-up/installation and performance checks to the satisfaction of specifications and satisfaction of the Westnet Project Principal Investigator or his designated staff.

**S. SPECIFICATIONS REQUIREMENT:** All proposals must meet or exceed the specifications provided herein. Evaluation of the extent to which proposals meet specifications will be performed SOLELY and determined SOLELY by the Colorado State University Westnet Principal Investigator or his designated staff in concurrence with the Colorado State University, Department of Purchasing.

**T. PAYMENT TERMS:** Complete payment for installation by Colorado State University will be made AFTER the circuit is installed and its proper functioning is accepted by the Westnet Principal Investigator or his designated staff. Payment will be month-by-month for circuit charges. Alternate payment proposals will be reviewed and evaluated by the Westnet Principal Investigator and Colorado State University, Department of Purchasing.

**U. BID OPENING:** Only the names of those Bidders responding to the Request For Proposal

**K. INCURRING COSTS:** The University is not liable for any cost incurred by Bidders prior to issuance of an agreement, contract, or purchase order.

**L. ACCEPTANCE OF PROPOSAL CONTENT:** The contents of the proposal of the successful Bidder will become contractual obligations if acquisition action ensues. Failure of the successful Bidder to accept these obligations in a purchase agreement, purchase order, delivery order, or similar acquisition may result in cancellation of this award and such Bidder may be removed from future solicitations. Under these conditions the University reserves the right to award this RFP to the next ranking Bidder.

**M. ACCEPTANCE TIME:** The University intends to use its best effort to make a bid selection for contract negotiation within the period indicated in the Schedule of Activities.

**N. ADDITIONAL DATA:** The Bidder should submit any additional information or data not requested in this RFP which the Bidder believes should be considered in the evaluation of a response. However, any such addition that materially affects pricing should be treated as an alternative with prices submitted under an alternative cover sheet and not as part of the major proposal.

**O. EVALUATION AND AWARD:** All proposals submitted in response to this RFP will be evaluated by a committee of University and Westnet personnel. Contracts/Purchase Order(s) will be awarded to the Bidder whose proposal, conforming to this RFP, will be the most advantageous to the University, price and other factors considered. Due to the evaluation procedure for the Request For Proposal, lowest dollar price MAY or MAY NOT indicate the successful awardee. Price constitutes only one of several evaluation criteria.

The Evaluation Committee will judge the merit of proposals received in accordance with the criteria listed below. The criteria are NOT prioritized.

1. Completeness of response with regard to the information requested and compliance with terms, conditions, and other RFP provisions.
2. Quality of end-to-end services, especially regarding trouble-shooting, fault isolation, and repair, pro-active error detection, etc.
3. Average error rates on circuits.
4. Circuit installation cost and monthly (or usage) costs.
5. Guaranteed response time for circuits trouble calls.
6. Mean Time to Repair on digital circuits.
6. Mean Time Between Failure on digital circuits.
7. Policy of refunds for digital circuit outages.
8. Circuit installation dates.
9. Inherent redundancy.

**P. BIDDER SELECTION:** The selection of a successful Bidder through this Request For Proposal is not intended to be exclusionary. The University has made every reasonable attempt to ensure that all Bidders capable of supplying the hardware, software and services listed in this RFP have received a copy of the RFP. However, if any Bidder feels they have been overlooked, they should contact the Purchasing Department, Colorado State University, to receive a copy of the RFP.

**Q. STANDARD CONTRACT:** The University reserves the right to incorporate standard contract

posal to obtain clarification of requirements. Only written inquiries will be accepted; the University will not respond to verbal inquiries. No inquiries will be accepted after the time and date given in the SCHEDULE of ACTIVITIES. Inquiries must be directed to:

Robert Siefken  
Purchasing Office, Aylesworth Hall  
Colorado State University  
Fort Collins, CO 80523

Clearly specify that the inquiry pertains to RFP #B800117.

**G. ADDENDUM OR SUPPLEMENT TO REQUEST FOR PROPOSAL:** In the event it becomes necessary to revise any part of this Request for Proposal, an Addendum to this RFP will be provided to each Bidder who received the original RFP by the Purchasing Department, Colorado State University. Bidders shall not rely on any other interpretations, changes or corrections.

**H. PROPOSAL SUBMISSION:** 6 (total, including the original) copies of the proposal should be sealed in a package with the enclosed white Sealed Bid Return Envelope, appropriately completed and affixed to the outside of the proposal package. Each copy of the proposal shall include the Bidder's complete price response.

The proposal package must be received on or before the time and date given in the SCHEDULE OF ACTIVITIES. It is the responsibility of the Bidder to ensure that the proposal package arrives in the Office of Purchasing prior to bid opening time. The proposal package should be delivered or sent by mail to:

COLORADO STATE UNIVERSITY PURCHASING DEPARTMENT  
365 Aylesworth SE  
Fort Collins, CO 80523

Mark outside of envelope -- RFP #B800117

*UNDER NO CIRCUMSTANCES CAN A TELEPHONE BID BE ACCEPTED!*

The University reserves the right to reject any or all proposals and to waive informalities and minor irregularities in proposals received and to accept any portion of a proposal or all items bid if deemed in the best interest of the University to do so.

Any restrictions on the use of data contained within a proposal must be clearly stated in the proposal itself and indication of enclosed proprietary information clearly marked on the outside of the sealed proposal package. Proprietary information submitted in response to this Request for Proposal will be handled in accordance with applicable State of Colorado procurement regulations.

If proprietary information is submitted, it must be placed in a separate, clearly marked envelope with Bid Number and marked "Proprietary Information RFP #B800117."

Due to the Colorado State University's evaluation system for Requests For Proposals, the University cannot sign non-disclosure agreements with any Bidder.

**I. NEWS RELEASES:** News releases pertaining to this procurement or any part of the subject shall not be made without prior written approval of the Colorado State University Purchasing Department.

**J. RESPONSE MATERIAL OWNERSHIP:** All material submitted regarding this RFP becomes the property of the University and will only be returned to the Bidder at the University's option.

## SECTION II. ADMINISTRATIVE INFORMATION

**A. ISSUING OFFICE:** This Request for Proposal is issued for the State of Colorado by the Colorado State University (CSU) Purchasing Department.

**B. PURPOSE:** This Request for Proposal provides prospective Bidders with sufficient information to enable them to prepare and submit proposals.

Definitions:

In the following Request for Proposal (RFP) the term "University" shall be understood to mean "Colorado State University."

The term "Bidder," as used herein, shall be understood to mean the individual, company, corporation, or firm to whom the contract is awarded. Until the contract is awarded, the term shall be understood to mean the individual, company, corporation, or firm formally submitting a response to this RFP.

The term "response," as used herein, shall be understood to mean a written offer to provide services and any required hardware in accordance with the general conditions, instructions, and specifications stated herein with exceptions clearly stated.

**C. SCOPE:** This Request for Proposal contains the instructions governing the proposals to be submitted, the material to be included therein, and other requirements to be met by each proposal.

### **D. SCHEDULE OF ACTIVITIES:**

1. RFP mailed to prospective Bidders	July 22, 1991
2. Prospective Bidders inquire deadline	Aug 5, 1991 4:30 pm
3. Proposal submission deadline	Aug. 27, 1991 2:00 pm
4. Opening date & time for proposals	Aug. 27, 1991 2:00 pm
5. Completion date of committee evaluation	Sep. 10, 1991 (approx.)
6. Notification letters mailed	Sep. 10, 1991 (approx.)
7. Award Date	Sep. 17, 1991 (approx.)
8. Circuit installations	Desired by February 1, 1992
9. Contract period	from February 1, 1992 to January 31, 1993

(subject to standard contract provisions as described in Section II.Q of this RFP)

**E. INVITATION TO BID/RESPOND AND RESPONSIBILITIES OF BIDDERS:** The University is hereby contacting prospective Bidders who have an interest or are known to do business relevant to this RFP. All interested individuals/firms who were not contacted are invited to submit a proposal in accordance with the policies, procedures, and dates as set forth herein. NOTE: In order to remain on the "active Bidder's list," it is imperative that all bids are returned. In the event of "no bid," please sign bid, indicating "no bid" and return.

Please note that any reference to a particular brand name, model or manufacturer within the specifications of this proposal is intended "For Reference Purposes Only" to describe and delineate the level of quality or function desired.

**F. INQUIRIES:** Prospective Bidders may make written inquiries concerning this Request for Pro-

## **SECTION I. BACKGROUND, OVERVIEW AND GOALS**

The University is seeking bids for digital circuits needed to support the National Science Foundation's regional digital data network hereinafter called Westnet. Bids are sought for digital circuits of various speeds, from 56 kbps (thousand bits per second), through T-3 (45 Mbps - million bits per second) data rates. Quotations are sought for unswitched point-to-point circuits, as well as alternative technologies such as, for example, SMDS (Switched, MultiMegabit Data Service), or Frame Relay. Section III of this Request for Proposal indicates the specific locations and requirements for each of these circuits. Section IV, "Information Required from Bidders," concludes this Request for Proposal.



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**COLORADO STATE UNIVERSITY**

**REQUEST FOR PROPOSAL**

**#B800117**

**TO PURCHASE**

**DIGITAL CIRCUITS FOR WESTNET**

**July 22, 1991**