



STATE OF IDAHO

- REQUEST FOR PROPOSALS (RFP) -

**IDAHO EDUCATION NETWORK
(IEN)**

RFP02160

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1.0 SCHEDULE OF EVENTS

The following dates are tentative and subject to amendment

BIDDERS Conference: 29 December 2008

Deadline to Receive Emailed Questions on RFP02160: 5 January 2008

RFP02160 Closing Date and Time: 12 January 2009, 5PM MST

2.0 DEFINITIONS

24 x 7 x 52: Stands for “twenty-four hours a day, seven days a week, and fifty-two weeks per year.” When used, this term describes access, services or support that is expected to be available at all times during a year.

Access Point: A physical connection between a User’s private network and the commercial Internet that facilitates exchanging e-mail, transferring files, viewing public web pages, delivering streaming audio and video, using voice over IP (“VoIP”) and enabling other value-added hosted services.

Appropriation: Legislative authorization to expend public funds for a specific purpose. Money set apart for a specific use.

Award: All purchases, leases, or contracts which are based on competitive proposals will be awarded according to the provisions in the Request for Proposal. The State reserves the right to reject any or all proposals, wholly or in part, or to award to multiple bidders in whole or in part. The State reserves the right to waive any deviations or errors that are not material, do not invalidate the legitimacy of the proposal, and do not improve the bidder’s competitive position. All awards will be made in a manner deemed in the best interest of the State.

Bell Schedules: Public School terminology for the scheduling of daily classes. Bell Schedules need to be taken into account when it comes to scheduling of Synchronous Distance Learning experiences and other distance learning programs\activities that are real-time dependent.

Bid Bond: Ensures that bidder will enter into the contract and is retained by the State from the date of the bid opening to the date of contract signing.

Business: Any corporation, partnership, individual, sole proprietorship, joint-stock company, joint venture, or any other private legal entity.

Calendar Day: Every day shown on the calendar, Saturday, Sundays and holidays included.

Children’s Internet Protection Act (CIPA): The Children’s Internet Protection Act (CIPA) is a federal law enacted by Congress to address concerns about access to offensive content

over the Internet on school and library computers. CIPA imposes certain types of requirements on any school or library that receives funding for Internet access or internal connections from the E-rate program –a program that makes certain communications technology more affordable for eligible schools and libraries.

CMFONI: A high speed, fiber-optic-based network serving the Capitol Mall. CMFONI facilitates state agencies' connectivity to a variety of networked-based services including the commercial Internet.

Cost Effective: Defined as meeting both the economic needs of the State, and is a solution that is leading edge in terms of networking equipment, associated system protocols and industry best practices.

Contract: The agreement between the Contractor and the State. Contract shall be comprised of the Proposer's proposal in its entirety, the Request for proposal document and all attachments either written or electronic, and the terms and conditions set forth for the Request for proposal within sicommnet (stated and referenced).

Contractor: The Vendor to whom the State awards a Contract for this purchase.

Customer Owned and Maintained Equipment ("COAM"): Telecommunications, networking or server equipment owned, operated and maintained by a Mandatory or Voluntary User and which connects a User's private network to a Proposer's commercial Internet Service. COAM may be located in a building occupied by Users or in co-location facilities operated by a Proposer. In any case, the User retains title to such equipment and is responsible for insuring it against damage or loss.

Education Entity: As defined by 67-5745D, Idaho Education Network, an education entity is any public school district; including public Charter schools, educational service units, libraries; community college; state college; or nonprofit private postsecondary educational institutions.

E-Rate: E-Rate is a Federal Funding program administered by the Schools and Libraries Division (SLD) of the Universal Service Administrative Company (USAC) on behalf of the Federal Communications Commission (FCC) that provides financial discounts to help schools obtain affordable telecommunications and Internet access.

Evaluated: A requirement or specification that will receive evaluation points that will be used in determining the award(s).

Flexible: Vendors proposals for proposed IEN network designs need to be flexible in terms of leveraging existing legacy technologies (e.g. Microwave systems, IdaNet, etc.) and also in terms of interfacing with State Core Network Core Legacy equipment (e.g. Cisco routers\switches\ASRs, Checkpoint firewalls, Polycom and TANDBURG VTC equipment etc).

IAW: In Accordance With (IAW)

IEN: Idaho Education Network (IEN)

IEN RFP HIGHLIGHTED AREAS: Highlighted areas within the base document (minus attached appendixes) of this RFP are provided to guide respondents in their efforts to prepare their respective RFP responses, as mandatory requirements have been identified in these select areas for Vendors to provide the State in submission of their proposals. Note that vendors are highly encouraged to provide additional information in other areas not specifically tagged as mandatory information items.

ITRMC: Information Technology Resource Management Council. ITRMC reviews and evaluates the information technology and telecommunications systems presently in use by State agencies, recommends and establishes statewide policies, and prepares statewide short and long-range information technology and telecommunications plans.

Idaho Optical Network (IRON): A commercial broadband provider that will facilitate advanced networking among institutions in Idaho and the Northern Tier States. Participants include institutions of research, education, health care, state government, and partner organizations that support research, education, and economic development in Idaho and the States of the Northern Tier. Specific network information concerning IRON can be found at the following URL: <http://ironforidaho.net/>.

(M): Where a specification or requirement has an assigned code of **(M)**, indicating that compliance is mandatory, non-compliance will result in immediate disqualification and no further evaluation of the proposal will occur. The State reserves the right to determine whether the proposal meets the specification stated within this solicitation.

(ME): Where a specification or requirement has an assigned code of **(ME)**, indicating that compliance is mandatory, and will also be evaluated and scored; non-compliance will result in immediate disqualification and no further evaluation of the proposal will occur. The State reserves the right to determine whether the proposal meets the specification stated within this solicitation.

Mandatory User(s): Mandatory User(s) are all departments and institutions of state government referenced in Idaho Code § 67-5747(a)(i), including but not limited to departments, agencies, commissions, councils and boards, which must be provided Internet services under this RFP and any awarded contract.

OCIO: Office of the CIO, State of Idaho.

Proposer: A vendor who has submitted a proposal in response to this request for proposals for property to be acquired by the state.

Property: Goods, services, parts, supplies and equipment, both tangible and intangible, including, but nonexclusively, designs, plans, programs, systems, techniques and any rights and interests in such property. This term also includes concession services and rights to access or use state property or facilities for business purposes.

Proposal: A written response including pricing information to a request for proposals that describes the solution or means of providing the property requested and which proposal is considered an offer to perform a contract in full response to the request for proposals. Price may be an evaluation criterion for proposals, but will not necessarily be the predominant basis for contract award.

Proprietary Information: Proprietary information is defined as trade secrets, academic and scientific research work which is in progress and unpublished, and other information which if released would give advantage to business competitors and serve no public purpose.

Public Agency: Has the meaning set forth in Idaho Code §67-2327. The term generally refers to any political subdivision of the state of Idaho, including, but not limited to, counties; cities; school districts; highway districts; and port authorities; instrumentalities of counties, cities or any political subdivision created under the laws of the state of Idaho.

QoS: Quality of Service. QoS refers to the capability of a network to provide better service to selected network traffic over various technologies, including Frame Relay, Asynchronous Transfer Mode (ATM), Ethernet and 802.1 networks, SONET, and IP-routed networks that may use any or all of these underlying technologies.

Representative: Includes an agent, an officer of a corporation or association, a trustee, executor or administrator of an estate, or any other person legally empowered to act for another.

Request for Proposal (RFP): All documents, whether attached or incorporated by reference, utilized for soliciting competitive proposals.

Responsible Proposer: A proposer who has the capability in all respects to perform fully the contract requirements, and the experience, integrity, perseverance, reliability, capacity, facilities, equipment, and credit which will assure good faith performance.

Responsive Proposer: A proposer that has submitted a timely proposal or offer that conforms in all material respects with the submission and format requirements of the RFP, and has not qualified or conditioned their proposal or offer.

Sicommnet or Sicomm: State's e-Procurement applications service provider.

Scalable: Proposed Vendor solutions need to be scalable in terms of future growth, without major build outs or "fork lift" equipment upgrades required in later Phases of this IEN project. It must also be scalable in terms of providing quality services support (e.g. QoS, Bandwidth, reliability, etc.) to all areas of the State of Idaho, where education, library and State entities are located.

Shall: Denotes the imperative, required, compulsory or obligatory.

Solicitation: The process of notifying prospective bidders or offerors that the State of Idaho wishes to receive proposals for furnishing services. The process may consist of public advertising, posting

notices, or mailing Request for Proposals and/or Request for Proposal announcement letters to prospective bidders, or all of these.

State: State of Idaho government.

Users: Mandatory or Voluntary User(s), as defined herein, or both, as the case may be.

Vendor Owned and Managed Equipment (“VOME”): Telecommunications, networking or server equipment owned, operated and maintained by the Proposer, or its partners, which is integral to a Proposer’s provisioning of basic or value-added commercial Internet services. VOME may be located in a building occupied by a User, in co-location facilities operated by the Proposer, or in the Proposer’s backbone. In any case, the Proposer retains title to such equipment and is responsible for insuring it against damage or loss.

Voluntary User(s): Voluntary User(s) are institutions of higher education and elected officers in the executive department, as referenced in Idaho Code § 67-5747(a)(ii) and the legislative and judicial departments as referenced in Idaho Code § 67-5747(a)(iii) along with a Public Agency, as defined herein, which may be provided commercial Internet services under this RFP and any awarded contract.

VTC: Video Conferencing

WAN: Wide Area Network. A communications network that connects computing devices over geographically dispersed locations.

3.0 GENERAL INFORMATION

3.1 EXECUTIVE SUMMARY

High-speed broadband access and connectivity are vital for economic growth, global competitiveness, education, innovation and creativity. Ensuring high-speed broadband access for all students has become a critical national issue especially when considering preparing our students for work and life in the 21st Century. The Governor and our legislature, as well as members of our greater Idaho educational community, recognize the need for providing robust high-speed broadband access to all of our state public schools, as it will accelerate our teachers' ability to teach and our students' ability to learn. Through recent legislative efforts, several key issues facing our educational institutions have been identified as well as specific requirements for our state and public school districts to meet in implementing high-speed broadband access in their schools.

Key Issues:

- Our Idaho public schools need high-speed broadband access to effectively create rigorous, technology-infused learning environments.
- Our teachers need guaranteed, long-term access to high-speed broadband to enrich the curriculum to include technology applications such as videoconferencing and distance learning.
- Our teachers also need high-speed broadband access for professional development—"currently the supply of certified teachers in the State of Idaho does not meet the demand; additionally, our rural schools struggle to fill their classified staff positions due to low salary wages established by current funding formulas"¹
- Our Administrators need high-speed broadband access to conduct on-line assessments and to access data for effective decision making.
- Our students need high-speed broadband access in their schools to take advantage of a wide range of new and rich educational tools and resources available for anytime, anywhere learning.
- Our students also need high-speed broadband access to overcome the digital divide in rural and low socio-economic areas.
- Our ability to provide adequate funding to support our public schools remains a critical issue in our abilities to execute this IEN initiative, as the State of Idaho is currently mandating even more severe budget cuts to all state entities given the weak state of our economy; however that said, the Governor and Legislators, supporting of this IEN project are pressing forward with a conservative 2010 IEN budget request, given the fact that our children our Idaho's economic future and we must continue to invest in their future success.

1 Idaho Rural Education Task Force, 2008 Legislative Report

Vision:

The State of Idaho will actively pursue and contract for a total solution, education-focused managed internet network service provider that can leverage existing state infrastructure and contracts with multiple telecommunications, cable and utility providers to provide the essential foundation and associated services support for our IEN network. Recent studies of other successful statewide implementation efforts have shown that this model is the most cost effective and expeditious means to provide a cohesive, statewide, education-centric network that best meets the current and future requirements of high-speed connectivity, service offerings and enterprise management services.

Approach:

A phased implementation approach has been established per Idaho House Bill No. 543 – Idaho Education Network. Specifically, the **First Phase** will connect each public high school with a scalable, high-bandwidth connection, including connections to institutions of higher education as necessary; a parallel effort will also be undertaken during this initial Phase to design and migrate all existing State of Idaho customers from IdaNet to a new IEN backbone system, given the urgency to replace and or upgrade this aging network, coupled with the rising cost of sustaining current IdaNet operations.

Subsequent Phase Considerations include:

- Connectivity to each elementary and middle school.
- The addition of libraries to the IEN.
- Completing the migration of state agency locations from current technology and services.

Funding Methodology:

Given the current state budgetary constraints, coupled with the urgency to qualify for Federal Government E-Rate funding, for this IEN effort, the State is releasing this RFP **with limited** funding. The work outlined in this RFP, and therefore any award, is contingent upon approval of legislative appropriations. It is also contingent upon the Federal Government approving the State's E-Rate application (due Feb 1, 2009). The State is requesting legislative appropriations in 2009 for FY 2010. Any contract arising from this RFP shall be **contingent** upon approval of the appropriation, the State's qualification for Federal E-rate funding, **and** the selected service providers meeting the Federal E-Rate funding qualifications. Anticipated approval and release of State funding would be 1 Jul 09, along with any associated E-Rate dollars.

Because of these contingencies, the service provider shall not begin work until after 7-1-09, and then only if the above contingencies are met (unless a supplemental appropriation is approved by the legislature before 7-1-09). The state does not expect or require the successful service provider to do any work specified by this RFP prior to 7-1-09, and the successful service provider shall not make any reliance or have any claim for work performed prior to 7-1-09, or prior to the named contingencies being met.

Summary:

Preparing our students for the increasingly competitive global marketplace of the 21st century is critical to improving our state's economy. Education stakeholders, especially teachers and students, must have reliable and high speed access to networked tools to improve their ability to communicate and learn in a more collaborative environment. Development of a high-speed broadband, scalable

communications infrastructure that leverages existing State resources to aggregate disparate networks into a multipurpose IEN backbone infrastructure extending from the Southern part of Idaho, to the Central, Eastern and Northern Panhandle regions of the State will significantly enhance broadband communications to every public school and library entity in the State.

Follow-on phases of this IEN initiative include migration of our state agencies onto this IEN backbone and enhancement of rural bandwidth to public entities through aggregation of this bandwidth. Benefits of the proposed Idaho Education Network model include lower network costs, greater efficiency, interoperability of systems providing video courses and opportunities, more affordable Internet access, and better use of Federal E-Rate and other government funding resources.

3.2 (ME) SCOPE OF PURCHASE

The State of Idaho desires to contract with a qualified industry partner or partners to establish a long-term relationship to design and implement the Idaho Education Network (IEN).

The objective of this RFP, as stated in the Executive Summary above, is to create a network environment that will meet the needs of K-12 distance learning environment, as defined in 67-5745D, and passed by the Idaho Legislature. This will include video services (Interactive and Streaming), Internet services, and wide area data transport. In addition to serving the K-12 institutions and our State Libraries (See Appendix A), it will also be used to serve entities that are not E-Rate eligible, such as higher education (community colleges, state colleges and universities) and State Agencies. Only E-Rate eligible entities will apply for E-Rate discounts.

The intent of this RFP process is to seek proposals from industry experts for achieving the purpose and goals of the IEN as established by the legislature. Rather than defining a specific technology, architecture or network design, the Department of Administration is providing broad guidelines only and relying on industry expertise to design and propose a network capable of meeting these requirements.

Within the context of this RFP, the State is asking potential industry partners to describe a business model that they will initiate to service the State of Idaho IEN network. As stated above the State is looking for an industry partner or partners who will take the initiative in areas of network design, network management to include operations, maintenance and accounting processes. It should be noted that highest consideration will be given to the Partner or Partners presenting the best and most cost effective “total end- to-end service support solution” and supporting network architecture, which is also compliant with the specifications of this RFP.

Bidders must also have a service provider identification number from the Universal Service Administrative Company and be eligible to participate in the Universal Service Fund discount program for telecommunications services provided to the E-Rate eligible entities. Bidders agree to provide any discounts, including any accrued credits, for which the entity is eligible under the Universal Service Fund for school telecommunications services. Bidders will, at their own expense, prepare and file all carrier documents and reports required for the eligible entities to receive the benefit of such discounts and credits. Proposer's Service Provider Identification Number (SPIN), issued to Bidders by the Universal Service Administrative Company, must be included in the responding bid.

Bidders are required to identify strategies to the State on how Bidders intend to transition the current contractual environment of the entities to their proposed solutions (See Appendix 4). Currently, there is a myriad of different broadband service provider contracts associated with each K12 school, library listed in Appendix A. Each of these has their own contract expiration dates, which Bidders will have to identify and develop an appropriate transition plan accordingly. Bidders are encouraged to partner, whenever possible with these local service providers, in the development of their transition plans. Copies of these proposed migration plans need to be included in Bidders RFP responses.

3.2.1 Project Overview

The objective of this section of the RFP is to identify a Contractor or Contractors that will design, develop, and implement high-speed data connectivity that will meet the current and future telecommunications needs of eligible participants over the term of the contract. The successful Contractor or Contractors will provide a cost-effective, scalable, and flexible high-speed data transport service that can interconnect all entities listed in Appendix A. This RFP is for the first phase of a multi-phase project for connectivity to the Idaho Education Network (IEN). Connectivity in subsequent phases of this project will include public elementary, middle schools, state libraries with connections to higher educational institutions as required. The final phase of this project will include migration of state government entities to this IEN network backbone, with the exception of IdaNet, which may need to be migrated earlier, given the current end of life status concerning its major network equipment components (e.g. MGX's).

The State will analyze proposals for all planned IEN Phase sites with an emphasis on cost savings and technical approach. As providers of this service, the State believes that potential providers are in the best position to make this determination and present a proposal to the State. Current K-12, library broadband costs are provided to assist contractors in making a logical and cost effective proposal to the State not only for Phase I sites but for subsequent project Phase entities (e.g. elementary, middle, and library locations). These can be found in Appendix D. Note that State agency migrations will be determined at a later date, with the RFP modified in subsequent revisions to address those specific requirements. Vendors just need to remain cognizant that these State agency migrations are part of our long range IEN strategy and need to reflect that accordingly in their proposal submissions.

The State requires the Contractor to bid a multi-purpose transport connection methodology to interconnect the listed institutions along with the corresponding services that considers present, as well as future, state-of-the-art technologies. The extent to which these segments are included in the network cloud that covers the geography of Idaho is important both to the economic development goals, as defined by the Idaho Legislature (67-5745D), and in meeting the rural education initiatives proposed by the Idaho Rural Education Task Force, to the Idaho Legislature in January 2008.

3.3 (ME) REQUIRED QUALIFICATIONS

- a) **Experience.** Bidders must demonstrate and provide examples of their experience engineering, installing/implementing and maintaining large-scale, statewide education networks, including skills and experience in working with all aspects of the Federal E-Rate Process.
- b) **Partnerships.** Strong consideration will be given to proposals that incorporate partnerships between multiple providers. Vendors must explain their partnering plan within their RFP response.

- c) **Idaho presence:** Bidders must demonstrate and provide examples to show either an existing Idaho presence and/or a willingness to establish an Idaho Presence, in the delivery of IEN services and support.
- d) **Long-term commitment.** IEN will serve as the foundation for the broadband needs of the State for education and other purposes as envisioned by the legislature. Therefore, Bidders must demonstrate a long-term commitment to Idaho. Bidders must cite examples of providing services to the State of Idaho and other government and education entities in Idaho.
- e) **Economic Impact.** Bidders must demonstrate and provide examples of how their proposal will positively impact the state's economy. Proposal should outline how operating costs associated with both the build out, administrative, and daily maintenance of their proposed IEN solution(s) are decreased for the state; and how these proposed network "build outs" will benefit our local communities, especially in our more remote rural districts.
- f) **Competitive Advantage.** Vendor must demonstrate or communicate the value their solution brings to the State of Idaho, vice their competitors' capabilities.
- g) **Low Risk Transition.** Vendors must plan to tell the State how they are going to mitigate the risk of migrating current broadband users (educational, libraries, and State Agency customers) to this new IEN network. This information should include how the vendor will minimize service disruptions in their RFP migration plan submission to ensure continuity of operations for our supported customer base.

3.4 LEGISLATIVE DIRECTION

The legislature (Idaho Code 67-5745D) determined that:

- a) Idaho does not have a statewide coordinated and funded high-bandwidth education network;
- b) Such a network will enable required and advanced courses, concurrent enrollment and teacher training to be deliverable to all public high schools through an efficiently-managed statewide infrastructure; and
- c) Aggregating and leveraging demand at the statewide level will provide overall benefits and efficiencies in the procurement of telecommunications services, including high-bandwidth connectivity, internet access, purchases of equipment, federal subsidy program expertise and other related services.

3.5 GOALS

In developing proposals, please consider the following goals as established by the legislature:

- a) Idaho will utilize technology to facilitate comparable access to educational opportunities for all students;
- b) Idaho will be a leader in the use of technology to deliver advanced high school curricula, concurrent college credit, and ongoing teacher training on an equitable basis throughout the state; and
- c) Idaho will leverage its statewide purchasing power for the IEN to promote private sector investment in telecommunications infrastructure that will benefit other technology applications such as telemedicine, telecommuting, telegovernment and economic development.

3.5.1 (ME) General Requirements

In developing proposals the vendors must submit in writing how they will address each of the following general requirements as established by the legislature:

- a) Coordinate the development, outsourcing and implementation of a statewide network for education, which shall include high-bandwidth connectivity, two-way interactive video and internet access, using primarily fiber optic and other high-bandwidth transmission media;
- b) Consider statewide economic development impacts in the design and implementation of the educational telecommunications infrastructure [to include providing in your RFP response a detailed case study involving how a remote Idaho school district and community could benefit from installation of IEN capabilities];
- c) Coordinate and support the telecommunications needs, other than basic voice communications of public education;
- d) Procure high-quality, cost-effective internet access and appropriate interface equipment to public education facilities;
- e) Procure telecommunications services and equipment on behalf of public education;
- f) Procure and implement technology and equipment for the delivery of distance learning;
- g) In conjunction with the state department of education, apply for state and federal funding for technology on behalf of IEN services;
- h) Work with the private sector to deliver high-quality, cost-effective services statewide; and
- i) Cooperate with state and local governmental and educational entities and provide leadership and consulting for telecommunications for education.

3.5.2 (ME) Phase 1 Requirements.

Provide a detailed proposal for accomplishing the requirements of Phase I (including, but not limited to: Last-mile connections, backbone network, Internet Access, Related Equipment needs, Video Conferencing equipment, Network operations and monitoring, Video operations and monitoring).

Specifically:

The department of administration shall follow an implementation plan that:

- a) In the **first phase**, will connect each public high school with a scalable, high-bandwidth connection, including connections to each institution of higher education as necessary, thereby allowing any location on IEN to share educational resources with any other location;
- b) Upon completion of the first phase, shall provide that each public high school will be served with high-bandwidth connectivity, internet access and equipment in at least one (1) two-way interactive (synchronous) video teleconferencing capability.
- c) Provide a scalable (e.g. a minimum 10 Mbps up to 100 Mbps) high-bandwidth connection, preferably fiber optics, to each public high school listed in appendix A; if additional bandwidth is desired by the supported customer, school districts will have the option to add additional bandwidth at their own expense, they will also have, in coordination with the OCIO office, the option to decrease bandwidth requirements in cases of extremely small student populations or during the summer months; Schools Districts will also have the option to designate their own centralized distribution locations in coordination with the OCIO office and the Vendor; also, if a scale of economies can be realized to install connectivity to the most centrally located building within a given school district utilizing a hub and spoke methodology, Vendors need to factor this into their proposed build out plans and coordinate with both the affected School District and OCIO for implementation; Vendors will also be required to request in writing detailed justifications and alternative solutions to the OCIO if they are unable to meet specified State minimum bandwidth

requirements (10Mbs) for a particular high school location; Vendors are also highly encouraged to present in their proposals, best practices and models for allocations of Bandwidth assignments based on student populations and projected community growth over a 5-7 year period to include estimated technology upgrades and associated costs.

- d) A connection to each institution of higher education, listed in Appendix A, to enable two-way interactive video;
- e) The ability of any location on IEN to share educational resources with any other location; i.e. any site on the network can both originate and receive two-way interactive video instruction;
- f) Internet access to each public high school listed in Appendix A;
- g) Network connectivity and bandwidth to enable IEN Phase 1 high schools to conduct at least one (1) two-way interactive video classroom session.
- h) A backbone network capable of providing access to the public Internet, delivering real-time instructor-led education courses and streaming media to classrooms, and other data needs of the network;
- i) Scalable service pricing options;
- j) One-time special construction costs, if any, for the backbone and last mile connections;
- k) Network monitoring;
- l) Video operations and monitoring;
- m) Other design considerations and costs;
- n) E-Rate eligibility estimates for services proposed and impacts on pricing (E-Rate eligibility is a requirement); and
- o) Provide a proposed transition/implementation plan and timeline (detailed and final transition and implementation plans will be developed by the winning bidder in conjunction with the Department of Administration).

3.5.3 (ME) Subsequent Phase Considerations

In subsequent phases, [the department of administration] will evaluate and make recommendations to the legislature for:

- (a) Connectivity to each elementary and middle school;
- (b) The addition of libraries to the IEN; and
- (c) The migration of state agency locations from current technology and services.

Provide a discussion as to how your proposed solution for Phase I can support each of the potential subsequent phases to include initial cost estimates and a proposed implementation plan.

3.6 ISSUING OFFICE & SUBMISSION OF QUESTIONS

This solicitation is issued by the Division of Purchasing via Sicommnet. The Division of Purchasing is the only contact for this solicitation. **Questions and request for clarifications shall be submitted via email only to:**

Mark Little, CPPO
State Purchasing Manager
State of Idaho, Division of Purchasing
E-mail: Mark.Little@adm.idaho.gov

Written questions are due at the close of business (5PM,MST) on the date indicated in the schedule of events in **Section 1.0**.

Verbal responses from the **STATE** are not binding upon the **STATE**. **BIDDER** assumes full responsibility for any action taken upon a verbal response from the **STATE**.

The Deadline for receipt of Questions is listed in 1.0 Schedule of Events. To be considered, Questions must be received via Email by 5 P.M. Mountain Time on the Scheduled Due Date.

3.7 VALIDITY OF PROPOSAL

Bid proposals are to remain valid for One Hundred and Eighty (180) calendar days after the scheduled closing date. Proposals submitted with a less than 180 day validity will be found non-responsive and will not be considered.

3.8 BIDDER NOTIFICATIONS

Prior to the closing and opening of the solicitation, all BIDDER notifications will be released in Sicomnet as amendments. All questions submitted will be answered via amendment for all BIDDER's review.

3.9 SUBMISSION OF PROPOSALS

Reference Section 5. TECHNICAL AND COST PROPOSAL SUBMISSION, REQUIREMENTS, & FORMAT.

3.10 EVALUATION, INTENT TO AWARD LETTERS, AND AWARD

There might be variations to the following, but as a general rule, the following procedure is followed.

Once the RFP closing date and time have passed and PROPOSALS have been opened, the copies of the Technical PROPOSALS are forwarded to the agency for evaluation. Once the agency has completed its technical evaluation and scored the PROPOSALS, the evaluation summary and scoring are forwarded to the Division of Purchasing for review. The Division of Purchasing verifies the fairness and integrity of the technical evaluation process. The Cost PROPOSALS and copies are then opened, and the copies forwarded to the agency for evaluation. Both the agency and the Division of Purchasing participate in this evaluation and its scoring. The scoring of the cost evaluation is then added to the scoring of the technical evaluation to arrive at a total PROPOSAL scoring, thus identifying the best qualified BIDDER based on the specifications and criteria set forth in the RFP. The Division of Purchasing then issues a Letter of Intent to Award to all BIDDERS, notifying them of the STATE's intent to

award the best qualified BIDDER as identified through the evaluation process. After the passage of the time set by Idaho Statute 67-5733 for appeals, and the resolution of any appeals received, the Division of Purchasing contracts for the purchase.

The STATE has the time set forth in Section 3.7 Validity of PROPOSAL to complete the evaluation and award the purchase. The STATE will greatly appreciate the BIDDERS' understanding that the evaluation requires time, and not solicit the STATE for unnecessary updates regarding the evaluation. The STATE will take the time to ensure a fair and complete evaluation. Additionally and to ensure the integrity and fairness of the evaluation process, during the evaluation and up and until the time the Division of Purchasing issues the Intent to Award letter, no information regarding the content of the PROPOSALS is released.

3.11 TERMS AND CONDITIONS OF THE AGREEMENT

The State of Idaho Standard Contract Terms and Conditions, State of Idaho Solicitation Instructions To Vendors, and the Telecommunication Services Special Terms and Conditions listed below apply to this RFP and the resulting AGREEMENT, unless modified by the State via amendment to the RFP. All requests for clarifications or modifications to these terms must be received by the deadline to receive written questions regarding this RFP (refer to Clause 19 of SOLICITATION INSTRUCTIONS TO VENDORS.) These documents are available on the State's website (www.idaho.gov), under the Department of Administration, Division of Purchasing (or by selecting the hyperlink contained in the Sicommnet document). Requests for clarification or modification are to be submitted per the instructions under 3.6 ISSUING OFFICE & SUBMISSION OF QUESTIONS above. The Division of Purchasing will address those requests received via an amendment that will be released in Sicommnet prior to closing. That amendment will be the STATE's final determination regarding any modification of the State's terms.

NOTE: PROPOSALS RECEIVED WHICH QUALIFY THE PROPOSER'S OFFER BASED UPON THE STATE ACCEPTING BIDDER TERMS OR CONDITIONS, OR MODIFICATIONS TO THE STATE'S TERMS AND CONDITIONS NOT ACCEPTED BY AMENDMENT, WILL BE FOUND NON-RESPONSIVE AND RECEIVE NO FURTHER CONSIDERATION.

4.0 EVALUATION AND AWARD

4.1 THE PROCESS

Upon opening, but not limited to, the Division of Purchasing will inspect the PROPOSAL for the following:

- That the PROPOSAL was timely per the published closing date and time;
- That the PROPOSAL includes a signed State of Idaho Signature page (attached in Sicommnet as XXX_Signature_Page_RFP.pdf);
- That the PROPOSAL has not been qualified by the BIDDER, meaning that the BIDDER has not conditioned their PROPOSAL based upon the STATE accepting terms or conditions established by the BIDDER;
- That the COST PROPOSAL is present and sealed separately from the TECHNICAL PROPOSAL;
- That the PROPOSAL contains all required information;
- Other unforeseen conditions that might deem the PROPOSAL non-responsive upon opening.

Purchasing will forward all responsive TECHNICAL PROPOSALS to the purchasing agency for evaluation. The agency will establish an evaluation team comprised of STATE employees. This team will evaluate and score the TECHNICAL PROPOSALS based on the evaluation criteria listed in this RFP. The team will then forward their scoring and ranking of the TECHNICAL PROPOSALS to the Division of Purchasing for review and validation of the process. Upon completion of the validation of the Technical Evaluation by the Division of Purchasing, the Division of Purchasing then opens the COST PROPOSALS for evaluation and scoring. COST PROPOSAL scores are then added to the TECHNICAL PROPOSAL scores identifying the Apparent Successful Bidder (ASB). The Division of Purchasing will then issue a Letter of Intent to Award to all responsive, responsible BIDDERS notifying them of the State's intent to contract with the ASB. It is at this point that the STATE will consider requests for Public Information. After the passage of the time set by Idaho Statute 67-5733 for appeals, and the resolution of any appeals received, the Division of Purchasing contracts with the ASB for the purchase.

The STATE has the time set forth in 3.7 VALIDITY OF PROPOSALS to complete the evaluation and award the purchase. The STATE will greatly appreciate the BIDDERS understanding that the evaluation requires time, and not solicit the STATE for unnecessary updates regarding the evaluation. The STATE will take the time to ensure a fair and complete evaluation. Additionally and to ensure the integrity and fairness of the evaluation process, during the evaluation and up and until the time the Division of Purchasing issues the Intent to Award letter, no information regarding the content of the PROPOSALS is released.

4.2 EVALUATION CODES

Each evaluated specification or requirement has an assigned code. The codes and their meanings are as follows:

(M) - Mandatory Requirement. The BIDDER shall meet this requirement. The determination as to whether the BIDDER meets the mandatory specification rests solely with the STATE. If the STATE determines that a BIDDER does not meet a mandatory requirement as specified, the PROPOSAL shall be deemed non-responsive, and no further evaluation will occur. A letter of determination of non-responsiveness will be issued by the Division of Purchasing to the BIDDER, and the BIDDER shall be removed from further consideration. A BIDDER who has been deemed non-responsive does have certain appeal rights per STATE Statute 67-5733.

(E) - Evaluated. BIDDERS are expected to provide a comprehensive written response to the specification. Points will be awarded based on the degree to which the BIDDER meets the requirement. A BIDDER not responding to the specification will receive zero points for that specification.

(ME)- Mandatory and Evaluated Requirement. The BIDDER shall meet this requirement.

4.3 SCORING

Specifications/requirements with an assigned code of **(M)** will be evaluated on a PASS/FAIL basis. Any specification/requirement with the word “**shall**”, “**must**”, or “**will**” is a mandatory specification or requirement. Any PROPOSAL that fails to meet any single mandatory specification or requirement will be deemed non-responsive. BIDDERS who meet mandatory specifications/requirements may then have their response to the mandatory specification/requirement evaluated and scored as to how the BIDDER’s solution meets the IT environment of the STATE.

Solicitation specifications/requirements with an assigned code of **(E)** will be evaluated and awarded points. Pricing will be evaluated using a cost model that offers the STATE the best possible value over either the initial term of the contract, or the life of the contract. The cost evaluation model may also include any costs incurred by the STATE in conjunction with the proposed service offering.

Solicitation specifications/requirements with an assigned code of **(ME)** will be evaluated not only on a PASS/FAIL basis, but also be awarded points. Any specification/requirement with the word “**shall**”, “**must**”, or “**will**” is a mandatory specification or requirement. Any PROPOSAL that fails to meet any single mandatory specification/requirement or evaluated area will be deemed non-responsive. Bidders who meet mandatory specifications/requirements and evaluated areas may then have their response to the mandatory specification/requirement evaluated and scored as to how the BIDDER’s solution meets the State of Idaho’s IEN Requirements to include how it meets the overall IT environment of the STATE.

The following table identifies those solicitation sections evaluated on a PASS/FAIL basis and/or those which are awarded points:

Ranking	Evaluated Sections	Maximum Possible Points
1.	Cost of E-Rate Eligible Goods & Services	400
2.	Prior Experience (Ed Networks, E-Rate, Personal Qualifications)	200
3.	Management Capability	100
4.	Other Cost Factors (including price of ineligible goods and services, price of changing providers, price for breaking contract, etc)	100
5.	Legislative Initiatives (Partnerships, Idaho Presence, Economic Impact)	100
6.	Financial Reports and Risk Mitigation	100
	TOTAL POINTS	1000

4.4 EVALUATION CRITERIA

- (a) Ability to meet the goals and requirements established by the legislature for Phase I;
- (b) Statewide economic development impacts of the proposed network;
- (c) Potential to meet the requirements of subsequent phases;
- (d) One-time costs for equipment;
- (e) One-time costs for network connections;
- (f) Recurring network costs;
- (g) Recurring Internet access costs;
- (h) Prior experience specific to building and supporting Education Networks including E-Rate expertise;
- (i) Strategic Partnerships to include Local Vendors;
- (j) Management Capability;
- (k) Personnel Qualifications;
- (l) Network and video operations; and
- (m) Other costs

While cost will be a primary factor during the evaluation of these proposals in order for us to qualify for E-Rate discounts, other relevant factors will also be considered to include: long-term impacts on education, benefits to economic development, and other potential applications of the network, as envisioned by the legislature, will be given significant weight as depicted above.

5.0 SPECIAL TERMS AND CONDITIONS

These Special Terms and Conditions are in addition to those found in the Sicommnet solicitation document, State of Idaho Standard Contract Terms and Conditions, State of Idaho Solicitation Instructions To Vendors, and particular to this purchase. Where conflict occurs, these Special Terms and Conditions shall take precedence.

5.1 (ME) E-RATE ELIGIBILITY

Qualifying schools and libraries as Voluntary Users may acquire Internet Services through any contracts arising from this RFP. The Proposer must participate in the Universal Service Administrative Company's telecommunications support programs for eligible schools and libraries, and E-Rate discounts must apply.

5.2 (M) IDAHO STATE GOVERNMENT STANDARDS

All delivered services must comply with applicable standards and policies of the Information Technology Resource Management Council ("ITRMC"). A description of ITRMC and its standards and policies may be viewed on-line at www.idaho.gov/itrmc.

5.3 PRICING, LENGTH OF THE AGREEMENT AND RENEWALS

Contract is for a 5 year time period, with three extensions of five years each for a total of 20 Years.

Any resulting contract from this solicitation will be awarded to up to four providers. Under no circumstances however will work begin prior to July 2009, because such work as specified by this RFP is contingent upon Legislative appropriation approval (unless a supplemental appropriation is approved by the Legislature prior to July 1, 2009). The services provided pursuant to a contract awarded based on this RFP would be available to any "Public agency" as defined by Idaho Code 67-2327.

5.4 BIDDER'S CONFLICTING AND SUPPLEMENTAL TERMS

Where terms and conditions, including BIDDER agreements and assumptions, specified in the BIDDER's Proposal differ from the State of Idaho Standard Contract Terms and Conditions or the Special Terms and Conditions of this RFP, the State's Terms and Conditions and the bid's Special Terms and Conditions shall apply. Where terms and conditions specified in the BIDDER's Proposal, including BIDDER agreements and assumptions, supplement the terms and conditions in this RFP,

the supplemental terms and conditions shall apply only if specifically accepted by the State's Division of Purchasing in writing. BIDDER's are recommended to review the STATE's Solicitation Instructions to Vendors, Clause 19 at the following website.

<http://adm.idaho.gov/purchasing/stwidecntrcs.html>

5.5 PUBLIC AGENCY CLAUSE

Contract prices shall be extended to other "Public Agencies" as defined in Section 67-2327 of the Idaho Code, which reads: "Public Agency" means any city or political subdivision of this state, including, but not limited to counties; school districts; highway districts; port authorities; instrumentalities of counties; cities or any political subdivision created under the laws of the State of Idaho. It will be the responsibility of the Public Agency to independently contract with the CONTRACTOR and/or comply with any other applicable provisions of Idaho Code governing public contracts.

5.6 ADMINISTRATIVE FEE

The prices to be paid by the State shall be the prices bid by the CONTRACTOR plus one and one-quarter percent (1.25%). The additional percentage shall represent the **State's Contract Usage Administrative Fee**. No more than quarterly, the CONTRACTOR shall remit to the State through its Division of Purchasing, an amount equal to the one and one-quarter percent (1.25%) of the CONTRACTOR's quarterly contract or agreement sales.

5.7 REPORTS

The CONTRACTOR will be required to submit, to the Office of the CIO, Attention IEN Project Manager, quarterly reports that provide the following minimum information.

- a. Usage reports by Agency and by Agency receiving location, indicating the product received and total cost of the order.
- b. When possible, reports should be in the same format as the product bidding schedule(s). Electronic reports in Excel or Text Format are encouraged.
- c. Custom reports that may be requested from time to time by the Division of Purchasing.

Reports will be due to the Division of Purchasing at the end of the first quarter (90 days) of the contract and each quarterly anniversary thereafter.

6.0 MECHANICS OF SUBMISSION

Proposals are to be hand-delivered, US mailed, or carrier shipped. Proposals must be received at the offices of the Division of Purchasing and time stamped using the Division's time stamp, no later than the date and time set forth for the closing of the RFP in Sicommnet.

Proposals must be sealed and labeled per the instructions in the State of Idaho Division of Purchasing Signature Page (file attached to RFP in Sicommnet).

6.1 TECHNICAL AND PRICE PROPOSALS

Proposals shall consist of a Technical Proposal and a Price Proposal. Both the Technical Proposal and the Price Proposal shall be sealed in a single shipping container. The Technical Proposal and the Price Proposal collectively are the proposal.

6.1.1 Technical Proposal

The Technical Proposal shall consist of:

- A signed State of Idaho Division of Purchasing Signature Page. Any alterations or additions to this page shall deem the proposal non-responsive;
- An Executive Summary. Proposals must contain an executive summary that provides an overview of the proposal, highlighting the deliverables and benefits. If partnerships are being utilized, the Executive Summary is to include executive summaries of all partners.
- Technical responses to the following sections within this RFP:
 - 8.0 Service Requirements
 - 9.0 Vendor Requirements

Bidders must restate each RFP Section, listing the mandatory or evaluated specification number, and providing a detail response of how the proposer meets the specification. Responses **are not** to direct evaluators to a brochure or data sheet in substitution to providing a detailed response. To do so on a **(M) Mandatory Requirement** will deem the proposal non-responsive. To do so on a **(E) Evaluated Requirement** will result in fewer or zero points being awarded. Brochures and data sheets shall be used in support of a detailed response **only**.

6.1.2 Price Proposal

The proposer shall submit its pricing in a separate sealed envelope. Pricing schedules are located in **RFP Section 10.8**. Pricing shall be opened only after the technical evaluation has been completed on the Technical Proposal. Pricing will be evaluated by comparing the total cost of offered solutions. A solution's total cost is the sum of the pricing shown in the pricing schedules PLUS applicable taxes, surcharges and fees PLUS any direct implementation costs incurred by the state.

6.2 ACCURACY AND CONCISENESS

Proposals must be accurate and concise. They must be submitted in a three-ring or similar binder with each section separated by tabs that are clearly marked. Avoid extraneous attachments and superfluous information that may detract from substantive information in the Proposal.

6.3 QUANTITY

Bidders will submit the following:

- **One (1) original of the proposer’s technical proposal marked “Original”. Must contain a signed and completed State of Idaho Signature page. Signature page is to be the first page of the technical proposal; Vendors need to submit using standard Microsoft productivity software (Word, Excel, etc.)**
- **Five (5) copies of the technical proposal;**
- **One (1) original of the price proposal along with one (1) copy. The price proposal and copy are to be sealed separate from the technical proposal.**
- **One (1) electronic copy of the technical and price proposal, and project schedule (if requested per the specifications) on a CD or USB device.**
- **One (1) complete Redacted Copy of their entire proposal. Specifically on CD or USB device.**

All materials may be shipped in a single shipping container.

7.0 CURRENT EXISTING STATE NETWORK INFRASTRUCTURES

The State of Idaho currently has three (3) significant, existing networks with connections in numerous locations throughout the state, and one (1) Metro network located in the Capitol Mall. Details of these specific State network infrastructures are listed below:

7.1 IDANET

The IdaNet network is comprised of a combination of Master Service Agreements and physical ATM circuits connecting Cisco MGX switches in Boise (2), Meridian (1), Lewiston (1), and Coeur D’Alene (1). The ATM circuits allow for IdaNet to form a self-healing ring connecting the switches in each city. The state anticipates life cycle replacement of the Cisco MGX switches by 2011.

IdaNet serves 57 state organizations utilizing 247 virtual circuits provisioned at layer 2. Classes of service are CBR, VBR nrt, and UBR. Rates vary according to class of service, and beginning in FY10, by geographic area. Annual operating costs are approximately \$600,000, including circuit costs and switch maintenance. The network is monitored and managed by the Department of Labor. Billing is managed by the Office of the CIO.

See accompanying document, located at Appendix B, Schedule 1, IdaNet for further information on state agency locations connected through IdaNet.

7.2 IDAHO TRANSPORTATION DEPARTMENT

The Idaho Transportation Department (ITD) maintains a significant state owned, IP based routed network that supports ITD Highways, Division of Motor Vehicles (DMV) and partner agency operations. The original network was put in place to interface with the citizens of Idaho across 44 county locations in order to conduct business with the State DMV. Today the ITD network supports Idaho State Police, Secretary of State, Eastern Idaho Technical College, County Courts, 911 Emergency Services, redundant communications for state and county/tribal Emergency Operations Centers (EOCs) and more.

The ITD network is constantly changing and expanding to meet the business needs of ITD and its partners, and carries a wide array of network traffic including voice, video and traditional information based data used in file sharing and database access.

Security is also a major area of focus on the ITD network based on the sensitivity of the information used by the DMV, which contains personal information of citizens. Furthermore, partner agencies carry sensitive and confidential information relating to public voting, police operations and homeland security operations.

The ITD network is managed by four full-time State employees consisting of two Network Analysts and two Senior Network Analysts, reporting under the Infrastructure and operation section of ITD's Enterprise Technology Services group.

See accompanying document, located at Appendix B, Schedule 2, Idaho Transportation Department for further information on state agency locations connected through ITD.

7.3 IDAHO BUREAU OF HOMELAND SECURITY

The Idaho Bureau of Homeland Security (BHS) has responsibility for State emergency communications and operations. In support of those communication needs, BHS maintains a statewide digital microwave system supporting radio, voice, video and data infrastructure to state, local, and tribal government entities. There is a current BHS project to install secure broadband communication links from the State Emergency Operations Center (EOC) to each respective County/Tribal EOC facility, providing 10MBS of capacity to these sites. This project is currently underway and anticipated completion to be December 2009. Support is provided by Public Safety Communications with a staff of administrative and technical personnel (23 total). There is IP transport capacity available throughout the microwave infrastructure to supplement an IEN concept, particularly in rural Idaho locations.

See accompanying document located at Appendix B, Schedule 3, Idaho Bureau of Homeland Security for information related to organizations and connections through a public safety related network operated by the Idaho Bureau of Homeland Security

7.4 CAPITOL MALL FIBER NETWORK (CMFONI)

CMFONI is the fiber optic network that provides connectivity to state agencies within the Capitol Mall. The majority of the network consists of state owned and vendor leased multi-mode fiber with some state-owned limited installations of single-mode fiber.

See accompanying document located at Appendix B, Schedule 4, Capitol Mall Fiber Network (CMFONI) for information related to the CMFONI network maintained by the Department of Administration.

8.0 SERVICE REQUIREMENTS

Public High Schools designated in Phase I to migrate to this new IEN service must be converted NLT 1 February 2010, with all IP addresses routing through the Internet. The conversion from the current Internet Service Provider should be as transparent as possible. The State of Idaho is cognizant of a growing demand for bandwidth. The State is interested in identifying a Contractor who will meet the current and future telecommunications needs of eligible participants over the term of the contract. The successful Contractor will provide a cost-effective, scalable, and flexible transport service that will be able to meet the demands of the network participants and it is expected the services would meet any future needs of other eligible participants as deemed appropriate. Bidders will identify services that are a normal part of their offering without additional fees and optional services that are being offered for an additional fee (i.e., automatic trouble ticket generation, trouble notification, etc). The State requires a complete description of those services and fees to be included in the RFP response.

8.1 (ME) TECHNICAL REQUIREMENTS

The Vendor will maintain an ingress internet bandwidth capacity at the main hub site of an amount no less than 50% of the sum of transport bandwidth provided to all local sites. As IEN sites are added and/or deleted or local site bandwidth is increased or decreased, the egress bandwidth capacity at the main hub site(s) will be modified to maintain the 50% requirement. Increases or reductions in costs for the main hub site(s) ingress Internet bandwidth will be included in the costs provided to the State when adding or deleting a site and making local site bandwidth modifications. Internet2 bandwidth will not be included in the 50% requirement.

- The Vendor will provide the option for IEN users to reduce the available regional Internet ingress bandwidth, from the period of June 15 to August 15, each of the five years, during the term of the contract. The amount of the reduction will be 50% of the total amount available at the time of the reduction. The Respondent is directed to indicate, of the Proposal Response Form, the dollar amount that IEN users would save by initiating the temporary reduction in available Internet bandwidth. After August 15 the regional Internet ingress bandwidth will return to its previous level. IEN users will not be required to exercise this option.
- The Vendor shall provide the ability to make small incremental bandwidth

increases within two business days (for example, going from 512K to 1.5 Mbps). All other proposed bandwidth increases will need to be approved by the State OCIO in coordination with the affected customer.

- The Vendor shall provide assistance to the State of Idaho OCIO office and our public school districts/libraries, upon approval of funding by the State Legislature, to inventory and catalog all existing distance learning, networking, and video conferencing equipment, currently deployed throughout their schools in order to determine actual customer IEN requirements. This “network communications” inventory will also be used to determine the supportability of standards-based H.323, and/or Session Initiation Protocol (SIP) video conferencing capabilities (See Appendix E). It will also be used to determine actual requirements for other high bandwidth and QoS distance learning and tracking applications (e.g. Unitedstreaming, netTrekker, Blackboard, Moodle, interactive weblogs/podcasts, and support for a new State of Idaho “Longitudinal Data Network” tracking system) across the IEN network, to see if new equipment or additional bandwidth may need to be procured and installed.
- The Vendor will also provide installation and technical virtual help desk and possible onsite assistance to school districts in the support of their respective video teleconferencing programs. Specifically, high quality, reliable video teleconferencing (VTC) is essential for conducting effective Distance Education classes. Circuit-switched connections using Integrated Services Digital Network (ISDN) have provided, and continue to provide, network transport necessary for VTC applications, within the State of Idaho, but several limitations exist in using circuit-switched services, such as their cost and sometimes poor service reliability. Fortunately, recent advances in VTC technology have significantly improved VTC capabilities through reduction in size, operational complexity, and cost of VTC equipment. Additionally, the ability to conduct quality VTC over Internet Protocol (IP) networks is now available. As a consequence of these developments, Vendors are highly encouraged to explain in their RFP responses, specifically: how they will support both legacy (ISDN based) VTC networks, while simultaneously offering enhanced VTC IP based support capabilities to new users. Also Vendors will articulate in writing how they will migrate existing ISDN based VTC customers to these new IP based technologies, wherever feasible.
- Vendors in support of VTC operations will provide a network infrastructure capable of providing full screen, high quality video at a minimum of 30 frames per second, with 60 interlaced fields per second (i.e. resolution and frame rates equivalent to that of the National Television System Committee [NTSC] television) for viewing people in the teleconference or up to 1024 x 768 [19] for viewing graphic images on computer monitors. See Appendix E, Video Teleconferencing Goals and Proposed Classroom Equipment Specifications, for additional information concerning the minimum base standards that the State will be considering in their efforts to develop viable VTC support packages in support of our public Phase I High Schools, and subsequent Phase II Elementary and Middle Schools.
- The Vendor shall work with the State of Idaho OCIO Office during Phase I, to identify specific initial pilot school candidates within the respective counties that the IEN Task Force has identified per Appendix C, to demonstrate some IEN “Proof of Concept” network installations, which are geographically dispersed throughout key areas in the State, during the initial phase of this project.
- All connections must be “full duplex” in nature, and to the limit allowed by the technology of the proposed circuit, the entire capacity of the physical circuit must be available unless otherwise indicated.
- Anticipated acceptable physical circuits are OC-3, OC-12, Fast Ethernet, Gigabit Ethernet, but other options will be considered. Ethernet options will have a preference.
- The vendor will also need to leverage in their network design and planned IEN build-outs, wherever applicable, all available State of Idaho IP transport capabilities to include available

Idaho Bureau of Homeland Security microwave infrastructure capabilities, which are in the process of undergoing significant network upgrades, with the infusion of high speed IP transport technologies into this core network infrastructure (See Appendix A, Schedule 3), to supplement our IEN concept, particularly in remote rural Idaho locations. Additionally, vendors will need to provide support for emerging educational applications that have large bandwidth and QoS requirements (e.g. Blackboard, Idaho Longitudinal Data Student Tracking System, etc.) as additional required bandwidth to run these applications becomes available.

- For the duration of the contract, the Vendor must maintain adequate internet capacity within their network(s) to meet the capacity obligations of this RFP.
- If the circuit provided by the vendor has any redundant characteristics that will help reduce the exposure to equipment or circuit failure, please provide an overview of the redundant capabilities.
- The Vendor will provide sufficient bandwidth at Internet gateway sites to ensure that over any two successive five minute polling intervals, the utilization of the links is less than 80% capacity and provide written documentation and verification to identify anytime the 80% capacity is breached, to include bursting and/or multiple users.
- It is required that the Vendor assumes all responsibility for the maintenance and overall operation of the Vendor supplied equipment and services. Vendor access to required Idaho Education Network locations will be coordinated directly between the Vendor and IEN customer location(s).
- The Vendor will monitor and maintain relevant circuits and equipment related to this service on a 7x24x52 basis. Vendors will also develop a procedure that will make available real-time views into all service components among all sites covered by this contract, leveraging currently available network monitoring tools, and extending those monitoring capabilities to the Idaho OCIO and other educational entities as directed. Real-time “viewing” access will allow the Idaho Office of the CIO and others, to ensure high standards of service support are being met IAW established SLAs, and to meet customer requirements for support. It is desired that Vendors will also provide training (remote, or onsite), at no cost to the state, on these monitoring capabilities, upon request. Current State Network monitoring capabilities include the use of a product called “Spectrum”, but Vendors are encouraged to propose alternate solutions.
- The Vendor will respond (e.g. contact and begin troubleshooting efforts with the affected customer(s)) to any outages or interruptions in service within one (1) hour of a detected or reported problem. For prolonged network outages (beyond 1 hour), the Vendor will notify the Idaho OCIO office of the issue and keep the Idaho OCIO office apprised of ongoing efforts to fix the problem. A complete record of this extended network outage, troubleshooting “after action” report, will be forwarded to the Office of the OCIO office, via Email or other agreed upon electronic means, within 24 hours of problem resolution by the Vendor.
- Spare Vendor supplied equipment must be available in a reasonable time period depending on the location of the outage (e.g. large metropolitan areas, a 4 hour response time is required; in more rural areas, a 8 hour response time would be acceptable in cases of an equipment failure; however, onsite spares, would be a preferred course of action to expeditiously resolve network problems for these remote locations).
- When planned network maintenance activities are conducted by the Vendor which runs the risk of interrupting or diminishing service, the Idaho Office of the CIO must be notified of the event at least three (3) business days in advance. Additionally, the Vendor agrees to work with the entities to find an alternate date or time for the maintenance if the proposed time(s) would be particularly harmful.

- The Vendor will provide security on offered services against hackers, viruses and other threats to this IEN network. Vendors will articulate in writing how they intend to secure our IEN network to include associated equipment technologies, policies and software.
- The vendor shall provide one or more network maps showing how the traffic will flow across the Vendor's backbone (e.g. examples include network diagrams depicting internet access, video connectivity, from the schools back into IEN core, etc.)
- Given the inherent complexities of our current State of Idaho legacy networks, Vendors need to ensure that supporting network engineering staff have the experience and caliber needed to design, maintain and upgrade our IEN network. Designated support engineers must also demonstrate a proficiency in maintaining our current legacy equipment, as depicted in Appendix B. Additionally, it is desired that skilled engineers demonstrate proficiencies in the areas of core routing and switching, security, voice, video, and Multi Protocol Label Switching (MPLS), with an expectation that these engineers will be the ones doing the design, operation, maintenance and accreditation of this IEN network. Vendors will include resumes of potential IEN engineering support staff as part of their RFP response, to include a comprehensive list of all network certifications and years of experience.
- Vendor proposed Ethernet Solutions must also support connectivity over the National LambdaRail Infrastructure (NLR) and INTERNET2 (I2) networks, helping to expand the State's theoretical and experimental research capabilities as they relate to both K-12 and higher education. Given the current Economic situation in Idaho and in keeping with Legislative directives to reduce costs and leverage existing State resources, wherever possible, it is highly desired that Vendors submit a detailed technical plan in their RFP response that specifically addresses how they would leverage legacy State of Idaho networks to include the Idaho Regional Optical Network (IRON), in providing this service, particularly to our higher education institutions who desire these services (e.g. BSU, University of Idaho, etc).
- The Idaho OCIO Office will maintain a complete set of Internet routing tables for information and security purposes. The Vendor agrees to provide that information to our routers through BGP routing protocols.
- Vendors must also demonstrate an ability to support multiple applications, from content delivery and Internet access to IP Telephony, video, audio, web conferencing, storage and unified collaboration. This includes understanding "Bell Schedules" and working with the Department of Education to work out scheduling of associated technology assets (e.g. Video Teleconferencing capabilities) to support customer requirements for services, at differing times.
- Vendors must also be capable of providing burstable connections (25% or higher) with the ability to effectively manage short periods of high usage (2-4 hours). Specifically, the Vendor will provide bursting capability to allow sites to exceed allocated bandwidth when 80% capacity is reached, in order to track and identify additional bandwidth needs at individual sites.
- The Vendor will outline its ability to provide robust communication services that protect IEN customers from interruption of services during the business day and ensure resiliency of the services being offered.
- Vendors will provide capacity increases and outline costs associated with these changes that must be completed within 45 days of the Idaho OCIOs request.
- Our K-12 schools, libraries, and state agencies have various IP address class sizes. By responding to this proposal, Vendors must understand and agree that they are willing to route these addresses at the request of these school districts. Vendors will also ensure that all assigned engineering personnel working on our IEN network are compliant with CIPA policies concerning the protection of Children to include vendor certified background checks.

- Vendor proposed solutions must also address connectivity methodologies to both public Internet protocol (IP) networks and private backbones, as both students and instructors will need access to internal web portals for student and administrative services, as well as partner institution web portals for educational research.
- The Vendor will provide basic content filtering for all sites in accordance with CIPA guidelines to ensure compliance with E-Rate policies for Internet Access.
- Vendors must work with respective School Districts and libraries concerning policies and actions regarding the filtering of sites or content, such restrictions and filters also need to be documented in your monthly reports back to the State OCIO office. Note, however, that this section is not intended to prevent any Internet Service Provider (ISP) from limiting traffic from a site causing harm to the Internet or any of its customers. Note that any filtering or DNS changes done by Vendors must be documented and approved by the Idaho State OCIO office.
- The Vendor will also provide a network design in which:
 - a. Layer 2 QoS tags pass unimpeded through the network
 - b. Layer 2 performance will be adequate to support jitter and low-latency sensitive applications (i.e. Video over IP)
 - c. IEEE 802.1q VLANs can be established at the request of the Idaho OCIO office.
 - d. Vendor, Idaho OCIO Office and/or eligible participants will manage the IP addressing and IP routing in a cooperative fashion, by actively participating in monthly OCIO sponsored IEN change management meetings.
- The Vendor will also:
 - a. Indicate what layer 2 QoS capabilities the network will honor and support, (i.e.802.1p queuing)
 - b. Indicate availability of real time performance metrics (i.e. SNMP) access to a State-provided list of authorized monitoring stations.
 - c. Articulate the way in which overall cloud utilization will be monitored and under what conditions and within what timeframes upgrades will be implemented to ensure that the purchased bandwidth is available on demand to participants.
 - d. Indicate the timeframe in which requests for virtual networks or layer 2 QoS changes will be honored.
- To account for schools, libraries who wish to deploy more services and utilize more bandwidth as compared to schools and libraries that do not, vendors shall respond with two different deployment standards. One standard with a “high bandwidth edge router” and one with a “low bandwidth edge router”. This is an area that will be included in our evaluation criteria concerning the technical merits of submitted proposals, in enabling our supported IEN customers to pursue additional network upgrades.
- The Vendor will provide for all bundled Internet services to be upgraded as needed within the timeframe identified in section 8.2. Shared services will be allocated or reallocated based on use or need and at no cost to the State, with future configurations being kept in line with E-Rate eligibility standards for all services through a coordinated process with the OCIO office and must adhere to the 80% capacity rule per site.
- The Vendor will provide monthly written reports by the 15th of the following month on utilization, network traffic capacity and performance tuning, service usage (broken down by institution and protocol) and other network utilization as needed by the Department of Administration, OCIO office for reporting to the Legislature.
- The Vendor will provide written monthly reports, including agreed upon metrics that verify or indicate service levels are being met, NLT 15 of each Month to the OCIO.
- The Vendor will provide real-time Web access to monthly reports of all trouble ticket activity involving customer support to the OCIO and other educational entities that request this information.

- The Vendor will meet all E-Rate guidelines and stay in good standing with the program by filing forms and meeting established Federal E-Rate deadlines.
- The Vendor will develop a procedure for providing our supported educational entities and state customer, IEN network “knowledge transfer” classes, in collaboration with the Idaho State CIO office. The resulting procedure will be disseminated to IEN customers through workshops for technical support held twice a year (IEN Day) at designated locations throughout the state and at no cost to the State.
- The Vendor will provide customer interaction through a customer service representative. IVR and other machine interactions are not acceptable, with the exception of voice mail when the staff is currently helping other customers.
- The Vendor will interact with customers to provide advanced engineering services (i.e. support to individual district network managers for troubleshooting district area network exchanges with the performance of the bundle Internet access).
- Vendors are encouraged to supply any additional information (charts, graphs, testimonials, reviews, and comparisons of your company to others in the industry, traffic statistics, etc.) which would be of use in determining both the quality of the company, and the quality of the Vendor’s connections and services, to include articulation of any competitive advantages to other potential IEN proposals to include areas of innovation in terms of existing network migration strategies, economical aggregation of bandwidth, etc).
- If the Vendor cannot comply with any one or more of the requirements set forth in any of the above paragraphs, the Vendor will include with their Proposal a clear, concise, and complete narrative stating the reason(s) why exception must be taken. The reason(s) may be economic, technical, etc. The IEN proposal evaluation team will make the final determination as to the acceptability of Proposals which take exception to the requirements set forth herein.
- It is understood and expected that existing conditions may occasionally be the cause of a mutually agreed to compromise of some of the requirements set forth herein. The Vendors are encouraged to advance all opportunities which will provide an acceptable system at the lowest possible cost.

8.2 (ME) TECHNOLOGY REFRESHMENT CLAUSE

The State and the Contractor will work in partnership to ensure the services provided under this contract will be continuously refreshed as technologies evolve and user needs grow. The State of Idaho Chief Information Office, in conjunction with or on behalf of all other participants, will assume the primary role in seeking and proposing new technologies and enhancements. This technology refreshment clause will be a required condition of the contract. As a portion of the response to this RFP, bidders shall identify and define any pertinent new services currently being considered for deployment. Anticipated deployment dates shall also be identified. The State and the Contractor will conduct periodic reviews of the contract at specific milestones during the term of the contract to review service offerings and pricing. These reviews may result in expanding the services offered by the Contractor to include new pricing elements or pricing modifications associated with improved economies of scale and/or technological innovations. Changes in the industry related to regulation and/or pricing mechanisms may also result in modification of rates identified in the services offered by the Contractor. These review periods will commence no later than the 24th month (~February 1, 2011) from the effective date of the contract; the 36th month (~February 1, 2012) from the effective date of the contract.

8.3 (ME) SERVICE LEVEL GUARANTEES

This network must support production applications that require a high degree of reliability and must operate with little or no service disruptions for twenty-four (24) hours a day, seven (7) days a week. Contractors will provide solutions with the necessary redundancy, backup systems, and/or other disaster avoidance and recovery capabilities to support these needs. Contractors must have the necessary staff for the installation and maintenance of their network responsibilities and necessary staff to assist the State in its installation and maintenance of critical network services. The Contractor will provide an explanation of any redundancy that is available as part of the proposed system that will assure the required availability of the services. The following performance specifications are required service level guarantees. The Contractor will conform to these service level agreements, which are to include details concerning restoration procedures and goals, escalation procedures, and non-conformance penalties.

8.4 (ME) SPECIFICATIONS

At a minimum, Internet and circuit availability will be 99.95% or greater as measured over twelve consecutive months.

Mean time to repair (MTTR) a failed transport backbone network element, measured over twelve consecutive months, will be 4 hours for Large Metropolitan Areas; 8 hours for Remote Support Areas.

End-to-End Network MTTR: 4 hours for Large Metropolitan Areas; 8 hours for Remote Support Areas.

Following the final system acceptance by the State, the Contractor shall guarantee overall network performance in accordance with RFP mandated requirements. Any outages and/or diminished QoS that are not resolved prior to the expiration of the four hour MTTR (Mean Time To Repair) for Large Metropolitan Areas; or 8 hours for Remote Support Areas, shall result in a credit to the State equal to four (4) days credit of service and one (1) day credit of service for each additional hour of outage and/or diminished QoS on the same circuit or network component. Repeated outages and/or diminished QoS on the same circuit or network segment greater than four (4) occurrences per month shall receive a full month credit for that circuit or network segment.

8.5 (ME) PROJECT PLANNING AND MANAGEMENT

The State of Idaho acknowledges that project management and implementation procedures will require alignment and adjustment of work processes for the Contractor's organizations, the educational entities, and the State. The alignment will be part of the contract finalization, however the Contractor will respond to this RFP assuming the following responsibilities listed below. Specifically, the State of Idaho and educational entity management staff will:

- Provide overall project direction and program management.
- Review and approve all project plans and deliverables.

- Ensure that technical assistance and support are provided during the Contractor's implementation phases and ongoing upgrade design of this project.
- Establish project management guidelines by meeting with the Contractor's project management team as needed.
- Review and approve all project specific documentation standards and requirements for the various types of reports, technical/procedural documentation, and management materials that will be produced during the project.
- Coordinate other resources as needed to support the implementation process.
- Provide on-site assistance, as needed during the implementation phases of the project.
- The State of Idaho IEN management staff will also assist the Contractor in identifying eligible participants in the network as well as establishing guidelines with the Contractor for ordering, moving, adding or changing services.

Vendor Responsibilities:

- The Contractor will coordinate and administer the requirements of the network service(s) that are proposed with any subcontractors and the participants.
- The Contractor will maintain a project management office in the State (preferably at a location that is within one (1) hour access of Boise Idaho), during the design and cutover phases of this project. The office will be responsible for administrative functions, project design/development and the required installation.
- The Contractor will maintain toll free lines for voice and facsimile from the State to operational facilities for order entry and after hours help desk support. Installation and maintenance may be subcontracted to one or more third parties to adequately cover the locations of the core transport backbone sites and to provide for rapid response in the event of a service disruption. The Contractor will provide information regarding intent to maintain its facilities after project implementation has been completed.
- The Contractor will maintain toll free voice lines for after hours helpdesk support for the duration of the contract. This point of contact will serve as the single point of contact for all services and equipment provided by the contract, including services and equipment subcontracted to another vendor.
- The Contractor will furnish with its proposal technical information, graphs, charts, maps, photographs, block diagrams, operating manuals, and other information that will clearly show that the services offered are in full compliance with the minimum requirements of this RFP. In the event that the documentation furnished is at variance with the requirements of this RFP, the Contractor will explain in detail, with full engineering support data, the reasons why the proposed services meet the RFP requirements and should not be considered an exception.
- The technical proposal will include detailed network diagrams and drawings that clearly illustrate the network configuration and the functional relationships, as they are associated with the proposed services. These network diagrams will be available to the State electronically in a format agreed upon by the Contractor and the State to allow for import into various computer programs.
- The Contractor will provide basic technical specifications for each item of equipment included in the proposal. The information to be provided will be in the form of published specification sheets or other illustrative literature.

9.0 VENDOR REQUIREMENTS

9.1 (ME) PROPOSER'S BACKBONE

Describe in detail the Proposer's backbone in both narrative and graphic form. Include the overall architecture, number and location of points of presence ("POPs"), link capacities connecting POPs, descriptions of carrier-class routing/switching equipment, redundancy, fault tolerance, routing policies including BGP, current and planned support for IPv6, the number of direct network administrative and engineering staff supporting the Proposer's backbone, in-place physical and electronic security measures, and any other materially relevant information. Proposers in their proposal should also include historical data documenting at a minimum availability, latency and packet loss statistics for their backbone over the last 12 months.

9.2 (ME) PEERING AND TRANSIT RELATIONSHIPS

Describe in detail the Proposer's peering and transit relationships in both narrative and graphic form. Include the locations and link capacities of peering/transit points, describe typical peering and transit service level agreements, and describe peering and transit policies. Specifically describe how the Proposer will avoid disruption to Users' Internet services as a result of disputes between providers, such as the recent dispute between Level 3 and Cogent Communications. Proposers in their proposal should also include historical data documenting at a minimum availability, latency and packet loss statistics for their peering and transit points over the last 12 months.

9.3 (ME) SERVICE LEVEL AGREEMENTS FOR CUSTOMERS ("SLAs")

Include in your proposal a copy of the Proposer's standard service level agreement for customers, taking into account the metrics established in 8.4 Specifications for Internet and VTC Quality of Service. Ensure that the percentage availability goal of the Proposer's backbone is included. Also describe the Proposer's capacity planning process that is used to ensure the Proposer meets or exceeds established SLAs.

9.4 (ME) TRACE ROUTE AND PING TESTS

Include in your proposal the results of select trace route and ping tests. It is recommended that providers use "pathping" to produce these results for their respective RFP responses. The destinations to be tested follow:

Coeur d'Alene School District
<http://www.cdaschools.org/>

Lewiston School District
<http://www.lewiston.k12.id.us/>

University of Idaho
<http://www.uidaho.edu/>

Meridian School District
<http://www.meridianschools.org/>

Boise State University
<http://www.idbsu.edu/>

Twin Falls School District
<http://www.tfsd.k12.id.us>

College of Southern Idaho
<http://www.csi.edu/>

Idaho State University
<http://www.isu.edu/>

Idaho Falls School District
<http://www.d91.k12.id.us/>

Salmon School District
<http://www.salmon.k12.id.us/>

9.5 (E) PROFESSIONAL AFFILIATIONS

Describe professional associations related to Internet services (e.g., NANOG) in which the Proposer actively contributes and participates.

9.6 (E) ORGANIZATION

Describe your organizational structure and explain how your organization qualifies to be responsive to the management, administrative, engineering and technical requirements of this RFP. Elaborate in detail on your technical staff's training and familiarity with the design, administration and repair of a Cisco-based networking architecture.

9.7 (E) QUALIFICATIONS AND EXPERIENCE

Describe the Proposer's experience in managing, engineering, staffing and providing commercial Internet services to others of similar size and scope. Describe your qualifications and experience providing similar services, as required in this RFP, to other customers. Include a list of all customers.

9.8 (E) REFERENCES

Include in your proposal a minimum of three (3) trade references including names of persons who may be contacted, their positions, addresses, and phone numbers where services similar in scope to

the requirements of this RFP have been provided. The Proposer is responsible to ensure the accuracy and relevancy of provided references.

For partnerships used by the proposer in the supplying of the service, for each partner used, the proposer must provide a minimum of three (3) trade references, including names of persons who may be contacted, their positions, addresses, and phone numbers where services similar in scope to the requirements of this RFP have been provided. The Proposer is responsible to ensure the accuracy and relevancy of provided references for the partners.

9.9 (ME) FINANCIALS

Include in your proposal copies of the latest two years' audited annual financial statements, and all partners proposed for the supply of this service. This information is for evaluation purposes only, should demonstrate the Proposer's financial stability and must include balance sheets, income statements, credit ratings, lines of credit, or other financial arrangements sufficient to enable the Proposer to be capable of meeting the requirements of this RFP. This information will be held in confidence to the extent that law allows.

If audited financial data are unavailable, fully explain the reason and provide the latest non-audited financial information including balance sheets, income statements, lines of credit, statements of cash flow, and changes in financial position. Include information to attest to the accuracy of the information provided.

9.10 (E) BIOGRAPHICAL INFORMATION

Provide biographical information for each staff member responsible for design, implementation, project management, or other positions identified in the requirements of the RFP. Include relevant education, experience and licensing or certification.

9.11 (ME) IMPLEMENTATION PLAN

The Contractor will submit to the State of Idaho CIO Office an implementation plan for the deployment of the services, along with proposed pricing schemes that reflect the services to be included in the associated contract resulting from the award of this RFP for deployment of services. Specifically, it is envisioned that Vendors shall provide written details of an IEN Phased Deployment plan that will include: Network Discovery (e.g. assisting the State in the inventory of already existing legacy public school, libraries and state agency networks to include network equipment, connectivity, facilities, use of E-Rate Funding, etc); Analysis of Survey findings (to identify actual network build out requirements); School Participation\ IEN Marketing Plan; Pilot program "Proof of Concept" installations to validate requirements; "Go live" Phase I for installation of services support to all Idaho Public High Schools; An Operations and Maintenance plan; followed by future IEN Phased Deployments (Elementary, Middle schools, Libraries, State agencies) and Technology refreshment plans.

9.12 (E) DEPLOYMENT STATUS REPORTS

The Contractor's designated project manager will provide weekly reports of the status of any deployment schedules to the State's designated IEN project manager. Deployment status reports will provide weekly information related to the adherence to the deployment schedule identified in Appendix A, identification of issues affecting the deployment schedule, and recommended resolution(s) to any identified barriers to network deployment.

9.13 (E) BILLING

The State will provide detailed billing instructions for each order as placed. In some cases the billed entity will be a consolidated billing to the State in an electronic format.

For E-Rate eligible entities, the contractor will be instructed to bill the E-Rate processing organization directly (USAC, Service Provider Invoice, Form 474) in accordance with established E-Rate policies to ensure that appropriate E-Rate processing can be accomplished. The contractor must comply with all applicable E-Rate requirements. The State may request a copy or summary of billings to other entities.

9.14 (E) CERTIFICATION

The State requires that the bidder be certificated by the Idaho Division of Purchasing Commission to provide the services outlined in this Section of this RFP. The Bidders must elaborate on whether they would be willing to file Tariffs with Division of Purchasing specific to the network proposed in their bid. The Bidder must elaborate on whether they are willing to accept direct payment for USF and NUSF contributions to their proposed network and whether they are willing to deduct these contributions from the State's monetary obligations toward a contract resulting from this RFP.

9.15 (ME) PROOF OF PERFORMANCE

Vendors will provide in writing detailed plans for testing of the IEN core network, following the installation and activation of all equipment, to include testing of each link to insure and verify proper transmission speeds and low latency. Vendors will also provide a plan on how they will document these tests and present their findings to the State IEN OCIO office. Note the results of all these tests will be documented by the contractor, given to the State and become a part of the Vendors Maintenance records, along with required monthly status reports specified in **sections 8.1 and 9.12**.

10.0 PRICING SCHEDULES

The Bidder will clearly identify each offered service (by service type) and be **specific** on all elements, processes, fees, etc. included in the cost Bid proposals will address the impact of normal growth, as well as planned and unplanned network expansion or service enhancement. All prices shall be proposed on a “per unit” as a recurring or nonrecurring basis. All bidder costs must be reflected in either the monthly recurring or nonrecurring charges. No additional charges will be accepted. **The State shall not be required to purchase any specific service or minimum quantities of network services.** The quantities provided in this RFP as examples are for the sole purpose of assisting the Bidders in preparation of their proposals and for the State to evaluate the feasibility of the proposed network solutions. The State shall not be responsible for any cost that is not identified in the Bidders proposal.

10.1 (E) NETWORK EQUIPMENT AND HARDWARE COSTS (NON-CPE)

Network equipment and hardware (non-CPE) will be part of and included in the itemized transport circuit costs. Circuit costs will be bundled costs, including all hardware.

10.2 (E) INSTALLATION COSTS

If one-time installation/set-up charges are applicable, these rates shall be delineated in the cost portion of the proposal. This cost for the circuit installation shall include all one-time costs associated with termination to the demarcation point from the network side and/or fees associated with interconnection to local exchange carriers.

10.3 (E) SOFTWARE, WARRANTY, AND MAINTENANCE COSTS

The Bidder will include costs for software, warranty, and maintenance of the provided circuits in the service rates. Software includes any initial or upgraded software required by each item of equipment proposed for the network to perform as a fully functional, integrated part of the Contractor’s network and associated service rates. The software costs shall include all of the following applicable costs:

- a) Initial purchase and installation costs.
- b) Use and licensing fees.
- c) Software maintenance costs, including upgrades.
- d) All other costs relative to the network such as acquiring and using the software for the life of the network.
- e) Costs and procedures related to the transfer of the software from damaged or out of service equipment to new equipment and the reprogramming of the software to place equipment spares into service and to meet changing network needs.

10.4 (M) OPTIONAL SERVICES

It is anticipated the Contractor may wish to offer optional services at an additional fee, i.e. network monitoring, project management, etc. These services will be identified and described in detail with the appropriate cost per unit (hour, month, circuit, service, etc.) delineated.

10.5 (E) TOTAL COSTS

The Bidder will provide a detail description and list of services being proposed in the attached Schedules. Monthly costs, installation, and any other charges are to be explicitly stated in order for the State to evaluate the proposed services incorporated in the proposal and the associated charges. Additionally, vendors are encouraged to:

- Minimize any “transport” or “backhaul” charges in support of a stable per megabit pricing algorithm.
- Specify all fees for activation, termination and/or processing if allowable changes in capacity are requested during the life of the contract.
 - Provide a means to clearly determine the monthly recurring costs associated to the amount of Internet capacity purchased or consumed.
 - Indicate the availability and any associated pricing details for the State to obtain additional TCP/IP address ranges during the term of the contract.

10.6 (E) COST AND SERVICE OFFERING REVIEWS DURING THE CONTRACT

The State and the Contractor will conduct periodic reviews of the contract at specific milestones during the term of the contract to review service offerings and pricing as specified under item 8.2 Technology Refreshment.

10.7 (E) PROPOSAL COST EVALUATION

The proposal cost will be evaluated based on the monthly recurring costs multiplied by the applicable length of contract in months, not to include extensions, plus the one-time non-recurring costs.

10.8 (E) PRICING SCHEDULES

All pricing schedules must be complete and accurate, containing all costs related to provisioning Internet services. Pricing in these schedules must reflect the Proposer’s pricing **before** the application of any taxes, fees, surcharges or volume discounts.

All schedules contained in the electronic version of this RFP are embedded Excel worksheets. Please contact the Division of Purchasing if you desire to use or require assistance in using these worksheets.

Schedule A: Proposed Vendor IEN Solution (RFP Section 3.5.2)

<u>Item no.</u>	<u>Description</u>	<u>One-time charge (\$)</u>	<u>Monthly Recurring Charge (\$)</u>	<u>Notes</u>
1	TOTAL PRICE			
2	Breakdown of Total Price:			

Schedule B: Incremental Bandwidth (RFP Section 8.1)

<u>Item no.</u>	<u>Description</u>	<u>One-time charge (\$)</u>	<u>Monthly Recurring Charge (\$)</u>	<u>Notes</u>
1	Fixed incremental bandwidth (indicate incremental units)			
2	Burstable incremental bandwidth (indicate incremental units)			

Schedule C: Bandwidth for IEN Users (RFP Section 8.1)

<u>Item no.</u>	<u>Description</u>	<u>One-time charge (\$)</u>	<u>Monthly Recurring Charge (\$)</u>	<u>Notes</u>
1	Fixed bandwidth (indicate units)			
2	Burstable bandwidth (indicate units)			

Schedule D: Value-added Services for IEN Users (RFP Section 10.4)			
<u>Item no.</u>	<u>Description</u>	<u>One-time</u> <u>charge (\$)</u>	<u>Monthly</u>
			<u>Recurring</u> <u>Charge (\$)</u>
			<u>Notes</u>
1	DNS Caching		
2	Network Security		
3	Application Level Monitoring		
4	Content Filtering		
5	IP Maintenance		
6	E-Mail & Archiving Services		
7	Managed Firewall Services		
8	Traffic Prioritization Services		
9	Other value-added services		

Schedule E: Charge For Performance and Usage Reports (RFP Section 8.1)			
<u>Item no.</u>	<u>Description</u>	<u>One-time</u> <u>charge (\$)</u>	<u>Monthly</u>
			<u>Recurring</u> <u>Charge (\$)</u>
			<u>Notes</u>

Taxes, Fees, and Surcharges

While the State is generally except from payment of taxes, identify and explain the various existing taxes, fees and surcharges that apply to offered Internet services. Provide an average overall percentage markup that may be applied to the Proposer’s pricing in the preceding schedules that reflects the taxes, fees and surcharges that Users will pay.

Volume Discounts

Identify and explain any volume discounts the Proposer is willing to offer and the basis for qualifying for them (e.g., revenue, usage, number of access points).

APPENDIX A

SCHEDULE 1: LIST OF IEN PHASE ONE PUBLIC HIGH SCHOOLS

Idaho State Public High Schools	Idaho State Public High Schools Cont.
American Falls Joint District #381	Cascade District #422
American Falls High School	Cascade High School
Basin District #72	Cassia District #151
Idaho City High/Middle School	Burley High School
	Declo High School
Bear Lake District #33	Raft River High School
Bear Lake High School	Cassia Regional Technical Center
Blackfoot District #55	Castleford District #417
Blackfoot High School	Castleford High
Independence Alternative High School	Challis District #181
	Challis Jr./Sr. High School
	Cour d'Alene District #271
Blaine County District #61	Cour d'Alene High School
Carey School (K-12)	Lake City High School
Wood River High School	Project CDA Alternative High School
	Riverbend Technical Academy
Boise District #1	
Boise High School	Cottonwood Joint District #242
Borah High School	Prairie High School
Capital High School	
Dehryl A. Dennis Prof. Tech Ed Ctr.	Council District #13
Fort Boise High School	Council High School
Marian Prichett High School	
Mountain Cove High School	Dietrich District #314
Timberline High School	
	Emmett District #221
Bonneville Joint District #93	Emmett High School
Bonneville High School	
Hillcrest High School	Fremont County Joint District #215
Lincoln High School	South Fremont High School
Boundary County District #101	Genesee Joint District #282
Bonnors Ferry High School	
	Glenns Ferry Joint District #192
Bruneau-Grand View Joint District #365	Glenns Ferry High School
Rimrock Jr./Sr. High School	
	Gooding Joint District #231
Buhl Joint District #412	Gooding High School
Buhl High School	Idaho School for the Deaf and Blind
Caldwell District #132	Grace Joint District #148
Caldwell High School	Grace High School
Canyon Springs Alt High School	
	Idaho Digital Learning Academy

SCHEDULE 1 cont.: LIST OF IEN PHASE ONE PUBLIC HIGH SCHOOLS

Idaho Public High Schools	Idaho Public High Schools Cont.
Homedale Joint District #370	Madison High School
Homedale High School	
	Marsing District #363
Idaho Falls District #91	Marsing High School
Idaho Falls High School	
Skyline High School	McCall-Donnelly District #421
Westview High School	McCall Donnelly High School
Jefferson County School District #251	Meadow Valley District #11
Jefferson High School	
Rigby High School	Melba Joint District #136
	Melba High School
Jerome Joint District #261	
Jerome High School	Meridian Joint District #2
	Centennial High School
Kamiah Joint District #304	Central Academy High School
Kamiah High School	Eagle Academy High School
	Eagle High School
Kellogg Joint District #391	Meridian Academy High School
Kellogg High School	Meridian Charter High School
	Meridian High School
Kimberly District #414	Meridian Medical Arts Charter HS
Kimberly High School	Mountain View High School
Kootenai District #274	Middleton District #134
Kootenai High School	Middleton High School
Kuna Joint District #3	Midvale District #433
Kuna High School	Midvale High School
Lakeland District #272	Minidoka County Joint District #331
Lakeland High School	Minco High School
Mountain View Alternative High School	Mt. Harrison Jr./Sr. High School
Timberlake Junior/Senior High School	
	Moscow District #281
Lake Pend Oreille District #84	Moscow High School
Clark Fork Junior/Senior High School	Paradise Creek Regional High School
Sandpoint High School	
	Mountain Home District #193
Lewiston District #340	Mountain Home High School
Lewiston High School	
	Mountain View District #244
Madison District #321	Clearwater Valley Senior High School
Central High School	Grangeville High School

SCHEDULE 1 cont.: LIST OF IEN PHASE ONE PUBLIC HIGH SCHOOLS

Idaho Public High Schools	Idaho Public High Schools Cont.
Mullan District #392	Ririe Joint District #252
Mullan Junior/Senior High School	Ririe High School
Nampa District #131	Rockland District #382
Columbia High School	Rockland High School
Nampa High School	
Skyview High School	St. Maries Joint District #41
	Community Education Center
Oneida County District #351	St. Maries High School
Malad High School	UpRiver School
Orofino Joint District #171	Salmon District #291
Orofino High School	Salmon High School
Timberline Junior/Senior High School	
	Salmon River Joint District #243
Parma District #137	Salmon River High School
Parma High School	
	Shelley Joint District #60
Payette Joint District #371	Shelley High School
Payette Alternative Night School	
Payette High School	Shoshone Joint District #312
	Shoshone High School
Plummer/Worley Joint District #44	
Lakeside High School	Shoshone-Bannock Joint District #537
	Shoshone-Bannock Jr. and Sr. High School
Pocatello/Chubbuck District #25	
Century High School	Snake River District #52
Highland High School	Snake River High School
Pocatello High School	
	Soda Springs Joint District #150
Post Falls District #273	Caribou High School
New Version High School	Soda Springs High School
Post Falls High School	
Riverbend Professional Tech Academy	Swan Valley District #92
Potlatch District #285	Teton County District #401
	Teton High School
Preston Joint District #201	
Preston High School	Troy District #287
	Troy Junior-Senior High School

SCHEDULE 1 cont: LIST OF IEN PHASE ONE PUBLIC HIGH SCHOOLS\HIGHER EDUCATION ENTITIES

Idaho Public High Schools	Idaho Colleges and Universities
Twin Falls District #411	State Colleges
Magic Valley High School	College of Southern Idaho
Robert Stuart High School	Eastern Idaho Technical College
Twin Falls High School	Lewis-Clark State College
	North Idaho College
Valley District #262	College of Western Idaho
Vallivue District #139	State Universities
Vallivue High School	Boise State University
	Idaho State University
Wallace District #393	University of Idaho
Wallace Junior/Senior High School	
Weiser District #431	
Weiser High School	
Wendell District #232	
Wendell High School	
West Bonner County District #83	
Priest River Lamanna High School	
West Jefferson District #253	
West Jefferson High School	
West Side Joint School District #202	
West Side High School	
Whitepine Joint District #288	
Deary High School	
Idaho Distance Education Academy	
Wilder District #133	
Wilder High School	

SCHEDULE 2: LIST OF IEN PHASE TWO PUBLIC ELEMENTARY AND MIDDLE SCHOOLS

Idaho Public Elementary\Middle Schools	Idaho Public Elementary\Middle Schools
American Falls Joint District #381	Boise District #1 Continued
American Falls Intermediate School	Horizon Elementary School
Hillcrest Elementary School	Jackson Elementary School
William Thomas Middle School	Jefferson Elementary School
	Les Bois School (Junior High)
Basin District #72	Liberty Elementary School
Basin Elementary School	Longfellow Elementary School
Idaho City High/Middle School	Lowell Elementary School
	Madison Early Childhood Center
Bear Lake County District #33	Maple Grove Elementary School
	McKinley Elementary School
Blackfoot District #55	Monroe Elementary School
Blackfoot Sixth Grade	Mountain View Elementary School
Fort Hall Elementary School	North Junior High School
Groveland Elementary School	Owyhee-Harbor Elementary School
Irving Kindergarten Center	Pierce Park Elementary School
Mountain View Middle School	Riverglen Junior High School
Ridge Crest Elementary School	Riverside Elementary School
Stalker Elementary School	Roosevelt Elementary School
Stoddard Elementary School	Shadow Hills Elementary School
Wapello Elementary School	Trail Wind Elementary School
	Valley View Elementary School
Blaine County District #61	Washington Elementary School
Bellevue Elementary School (K-2)	West Junior High School
Carey School (K-2)	Whitney Elementary School
Community School	Whittier Elementary School
Ernest Hemmingway Elementary (K-5)	William Howard Taft Elementary School
Hailey Elementary School	
Wood River Middle School	Bonneville Joint District #93
Woodside Elementary	Ammon Elementary School
	Cloverdale Elementary School
Boise District #1	Fairview Elementary School
Adams Elementary School	Falls Valley Elementary School
Amity Elementary School	Hillview Elementary School
Cole Elementary School	Iona Elementary School
Collister Elementary School	Rimrock Elementary School
Cynthia Mann Elementary School	Rocky Mountain Middle School
Fairmont Junior High School	Sandcreek Middle School
Franklin Elementary School	Taylor’s Crossing Public Charter School
Garfield Elementary School	Tiebreaker Elementary School
Hawthorne Elementary School	Ucon Elementary School
Highlands Elementary School	White Pine Charter School
Hillcrest Elementary School	Woodland Hills Elementary School
Hillside Junior High School	

SCHEDULE 2 cont.: LIST OF IEN PHASE TWO PUBLIC ELEMENTARY AND MIDDLE SCHOOLS

Idaho Public Elementary\Middle Schools	Idaho Public Elementary\Middle Schools
Bonneville Joint District #93 Continued	Cassia District #151 Continued
White Pine Charter School	Mountain View Elementary School
Woodland Hills Elementary School	Newcomer Center
	Oakley Elementary School
Boundary County District #101	Raft River Elementary School
Boundary County Junior High School	White Pine Elementary School
Evergreen Elementary School	
Mt. Hall Elementary School	Castleford District #417
Naples Elementary School	Castleford Elementary
Valley View Elementary School	Castleford Middle
	Challis School District #181
	Challis Elementary
	Clayton Elementary
	Stanley School (Elementary\Jr.)
Bruneau-Grand View Joint Dist. #365	Clark County District #161
Bruneau Elementary School	
Grandview Elementary School	Coeur d'Alene District #271
Rimrock Jr./Sr. High School	Borah Elementary School
	Bryan Elementary School
Buhl Joint District #412	Canfield School (Middle)
Buhl Middle School	Dalton Elementary School
Popplewell Elementary School	Fernan Elementary School
	Hayden Meadows Elementary School
Caldwell District #132	Lakes Middle School
Jefferson Middle School	Project Middle School
Lewis Clark Elementary School	Ramsey Elementary School
Lincoln Elementary School	Skyway Elementary School
Sacajawea Elementary School	Sorenson Elementary School
Syringa Middle School	The Bridge
Van Buren Elementary School	Winton Elementary School
Washington Elementary School	Woodland Middle School
Wilson Elementary School	
	Cottonwood Joint District #242
Cascade District #422	
Cascade Elementary School	Council District #13
	Council Elementary School
Cassia District #151	
Albion Elementary School	Dietrich District #314
Almo Elementary School	
Burley Junior High School	Emmett District #221
Cassia Regional Technical Center	Butte View Elementary School
Cassia Education Center	Carberry Intermediate School
Declo Elementary School	Emmett Junior High School
Declo Junior High School	Shadow Butte Elementary School
Dworshak Elementary School	

SCHEDULE 2 cont.: LIST OF IEN PHASE TWO PUBLIC ELEMENTARY AND MIDDLE SCHOOLS

Idaho Public Elementary\Middle Schools	Idaho Public Elementary\Middle Schools
Fremont County Joint District #215	Theresa Bunker Elementary School
Ashton Elementary School	Westside Elementary School
Central Elementary School	
Teton Elementary School	Jefferson County Joint District #251
	Hardwood Elementary School
Genesse Joint District #282	Jefferson Elementary School
	Midway Middle School
Glenns Ferry Joint District #192	Midway Elementary School
Glenns Ferry Elementary School	Rigby Junior High
Glenns Ferry Middle School	Roberts Elementary School
Gooding Joint District #231	Jerome Joint District #261
Gooding Elementary School	Central Elementary School
Gooding Middle School	Horizon Elementary School
Gooding Accelerated Learning Center	Jefferson Elementary School
Idaho School for the Deaf & Blind	Jerome Middle School
Grace Joint District #148	Kamiah Joint District #304
Grace Elementary School	Kamiah Elementary School
Grace Junior High School	Kamiah Middle School
Homedale Joint District #370	Kellogg Joint District #391
Homedale Elementary School	Canyon Elementary School
Homedale Middle School	Kellogg Middle School
	Pinehurst Elementary School
Idaho Falls District #91	Sunnyside Elementary School
A.H. Bush Elementary School	
Clair E. Gale Junior High School	Kimberly District #414
Dora Erickson Elementary School	Kimberly Elementary School
Eagle Rock Junior High School	Kimberly Middle School
Edgemont Elementary High School	
Ethel Boyes Elementary School	Kootenai District #274
Fox Hollow Elementary School	
Hawthorne Elementary School	Kuna Joint District #3
Linden Park Elementary School	Crimson Point Elementary School
Longfellow Elementary School	Fremont H. Teed Elementary School
Sunnyside Elementary School	Hubbard Elementary School
Taylorview Junior High School	Indian Creek Elementary School
	Kuna Middle School
Idaho Falls District #91 Continued	Reed Elementary School
Temple View	Ross Elementary School

SCHEDULE 2 cont.: LIST OF IEN PHASE TWO PUBLIC ELEMENTARY AND MIDDLE SCHOOLS

Idaho Public Elementary\Middle Schools	Idaho Public Elementary\Middle Schools
Lakeland District #272	McCall-Donnelly District #421
Athol Elementary School	Barbara Morgan Elementary School
Betty Kiefer Elementary School	Donnelly Elementary School
Garwood Elementary School	McCall Elementary School
John Brown Elementary School	Payette Lakes Middle School
Lakeland Junior High School	
Spirit Lake Elementary School	Meadow Valley District #11
Timberlake Junior/Senior High School	Meadow Valley Elementary
	Meadow Valley Secondary
Lake Pend Oreille District #84	
Clark Fork Junior/Senior High School	Melba Joint District #136
Farmin-Stidwell Elementary School	Melba Elementary School
Kootenai Elementary School	Melba Middle School
Northside Elementary School	
Sandpoint Charter School	Meridian Joint District #2
Sandpoint Middle School	ArtsWest School
Southside Elementary School	Crossroads Middle School
Washington Elementary School	Eagle Middle School
	Joplin Elementary School
Lewiston District #340	Lake Hazel Middle School
Camelot Elementary School	Lewis and Clark Middle School
Centennial Elementary School	Lowell Scott Middle School
Jenifer Junior High School	Meridian Middle School
McGhee Elementary School	Sawtooth Middle School
McSorley Elementary School	
Orchards Elementary School	Middleton District #134
Sacajawea Junior High School	Middleton Heights Elementary School
Tammany Alternative Learning Center	Middleton Middle School
Webster Elementary School	Mill Creek Elementary School
	Purple Sage Elementary School
Madison District #321	
Adams Elementary School	Midvale District #433
Archer & Lyman Elementary Schools	Midvale Elementary School
Hibbard Elementary School	Midvale Junior High School
Kennedy Elementary School	
Lincoln Elementary School	Minidoka Country Joint District #331
Madison Junior High School	Acequia Elementary School
Madison Middle School	East Minico Middle School
	Heyburn Elementary School
Marsing District #363	Paul Elementary School
Marsing Elementary School	Rupert Elementary School
Marsing Middle School	West Minco Middle School
	Mt. Harrison Jr./Sr. High School

SCHEDULE 2 cont.: LIST OF IEN PHASE TWO PUBLIC ELEMENTARY AND MIDDLE SCHOOLS

Idaho Public Elementary\Middle Schools	Idaho Public Elementary\Middle Schools
Moscow District #281	Orofino Joint District #171
A.B. McDonald Elementary School	Orofino Elementary School
Lena Whitmore Elementary School	Orofino Junior High School
Moscow Junior High School	Peck Elementary School
Russell Elementary School	Pierce Elementary School
West Park Elementary School	Weippe Elementary School
Mountain Home District #193	Parma District #137
Atlanta Elementary School	Maxine Johnson Elementary School
East Elementary School	Parma Middle School
Hacker Middle School	
Liberty Elementary School	Payette Joint District #371
Mountain Home AFB Primary School	McCain Middle School
Mountain Home Jr. High School	Payette Primary School
North Elementary School	Westside Elementary School
Pine Elementary School	
Stephensen Middle School	Plummer/Worley Joint District #44
West Elementary School	Lakeside Elementary School
	Lakeside Middle School
Mullan District #392	
John Mullan Elementary School	Pocatello/Chubbuck District #25
	Chubbuck Elementary School
Nampa District #131	Edahow Elementary School
Centennial Elementary School	Ellis Elementary School
Central Elementary School	Franklin Middle School
East Valley Middle School	Gate City Elementary School
Franklin D. Roosevelt Elementary School	Greenacres Elementary School
Greenhurst Elementary School	Hawthorne Middle School
Iowa Elementary School	Indian Hills Elementary
Lincoln Elementary School	Irving Middle School
Owyhee Elementary School	Lewis and Clark Elementary School
Parkview Early Childhood Center	Syringa Elementary School
Park Ridge Elementary School	Tendoy Elementary School
Ronald Reagan Elementary School	Washington Elementary School
Sherman Elementary School	Wilcox Elementary School
Snake River Elementary School	
Sunny Ridge Elementary School	Post Falls District #273
South Middle School	Post Falls Middle School
West Middle School	Mullan Trail Elementary School
Willow Creek Elementary School	Ponderosa Elementary School
	Prairie View Elementary School
Oneida Country District #351	

SCHEDULE 2 cont.: LIST OF IEN PHASE TWO ELEMENTARY AND MIDDLE SCHOOLS

Idaho Public Elementary\Middle Schools	Idaho Public Elementary\Middle Schools
Post Falls District #273 Continued	Snake River District #52
River City Middle School	Moreland Elementary School
Seltice Elementary School	Riverside Elementary School
	Rockford Elementary School
Potlatch District #285	Snake River Middle School
	Snake River Junior High School
Preston Joint District #201	
Oakwood Elementary School	Soda Springs Joint District #150
Pioneer Elementary School	Grays Lake Elementary School
Preston Junior High School	Hooper Elementary School (4-6)
	Thrikill Elementary School (K-3)
Ririe Joint District #252	Tigert Middle School
Ririe Elementary School	
Ririe Middle School	Swan Valley District #92
	Swan Valley Elementary School
Rockland District #382	
Rockland Elementary School	Teton County District #401
	Driggs Elementary School
St. Maries Joint District #41	Teton Middle School
Community Education Center	Tetonia Elementary School
Heyburn Elementary School	Victor Elementary School
St. Maries Middle School	
UpRiver School	Troy District #287
	Troy Elementary School
Salmon District #291	Troy Junior/Senior High School
Brooklyn School	
Pioneer Elementary School	Twin Falls District #411
Salmon School (Middle)	Bickel Elementary School
	Harrison Elementary School
Salmon River Joint District #243	Morningside Elementary School
Riggins Elementary School	Oregon Trail Elementary School
	Perrine Elementary School
Shelley Joint District #60	Sawtooth Elementary School
Goodsell Primary School	O’Leary Junior High School
Hobbs Middle School	
Stuart Elementary School	Valley District #262
Shoshone Joint District #312	Vallivue District #139
Shoshone Elementary School	Birch Elementary School
Shoshone Middle School	Central Canyon Elementary School
	East Canyon Elementary School
Shoshone-Bannock Joint District #537	Sage Valley Intermediate School

SCHEDULE 2 cont.: LIST OF IEN PHASE TWO ELEMENTARY AND MIDDLE SCHOOLS

Idaho Public Elementary\Middle Schools	Idaho Public Elementary\Middle Schools
Vallivue District #139 Continued	Whitepine Joint District #288
Vallivue Middle School	Bovill Elementary School
West Canyon Elementary School	Deary Elementary School
	Idaho Distance Education Academy
Wallace District #393	
Silver Hills Elementary School	
Weiser District #431	
Park Intermediate School	
Pioneer Elementary School	
Weiser Middle School	
Wendell District #232	
Wendell Elementary School	
Wendell Middle School	
West Bonner County District #83	
Idaho Hill Elementary School	
Priest River Elementary School	
Priest River Junior High School	
West Jefferson District #253	
Hamer Elementary School	
Terreton Elementary & Junior HS	
West Side Joint District #202	
Harold B. Lee Elementary School	
Harold B. Lee Middle School	
West Side Joint District #202	
Bovill Elementary School (K-3)	
Deary Elementary School	
Wilder District #133	
Wilder Schools: Elementary	
Wilder Schools: Middle	

SCHEDULE 3: LIST OF IEN PHASE THREE PUBLIC LIBRARIES

Idaho Public Libraries	Idaho Public Libraries Continued
Aberdeen District Library	Fremont County District Library-Island Park
Ada Community Library-Hidden Springs	Fremont Co District Library-St Anthony
Ada Community Library-Star Branch	Garden City Public Library
American Falls District Library	Garden Valley District Library
Bear Lake Co. Dist. Library-Paris Branch	Glenns Ferry Public Library
Bear Lake Co. Dist. Library-Whitman-Thiel	Gooding Public Library
Bellevue Public Library	Grace District Library
Benewah County Dist. Library-Tensed Branch	Grangeville Centennial Library
Benewah County Dist. Library-Tri-Community	Hagerman Public Library
Blackfoot Public Library	Hailey Public Library
Blackfoot Rural Library District	Hansen District Library
Boise Basin Library District	Homedale Public Library
Boise Public Library	Horseshoe Bend District Library
Boise Public Library-Collister Branch	Idaho Commission for Libraries-North
Boise Public Library-Hillcrest Branch	Idaho Commission for Libraries-East
Bonneville Country Library Distrct	Idaho Falls Public Library
Boundary County District Library	Jefferson Co. Dist. Library-Hamer Branch
Bruneau District Library	Jefferson Co. Dist. Library-Heart of Valley
Buhl Public Library	Jefferson Co. Dist. Library-Menan-Annis
Burley Public Library	Jerome Public Library
Caldwell Public Library	Kellogg Public Library
Camas County District Library	Kimberly Public Library
Cambridge Community Library	Kootenai Shoshone Area Library-Athol
Cascade Public Library	Kootenai Shoshone Area Library-Bookmobile
Challis Public Library	Kootenai Shoshone Area Library-Harrison
Clark County District Library	Kootenai Shoshone Area Library-Hayden
Clarkia District Library	Kootenai Shoshone Area Library-Pinehurst
Clearwater County District Library	Kootenai Shoshone Area Library-Rathdrum
Clearwater Memorial Library	Kootenai Shoshone Area Library-Spirit Lake
Coeur d'Alene Public Library	Kuna Library District
DeMary Memorial Public Library	Latah County District Library-Bovill
Eagle Public Library	Latah County District Library-Deary
East Bonner County Free Library District	Latah County District Library-Genesee
E. Bonner County Free Library Dist. Bookmbl	Latah County District Library-Juliaetta
E. Bonner County Free Library Dist. Clark F	Latah County District Library-Moscow
Eastern Owyhee Country District Library	Latah County District Library-Potlatch
Elk River Free Library District	Lemhi County District Library-Leadore
Emmett Public Library	Lemhi County District Library- Salmon
Filer Public Library	Lewiston City Library
Franklin Co Dist. (Larsen-Sant) Library	Lewisville Public Library
Fremont Co. Dist. Library-Ashton Branch	Little Wood River District Library

SCHEDULE 3 cont.: LIST OF IEN PHASE THREE PUBLIC LIBRARIES

Idaho Public Libraries	Idaho Public Libraries Continued
Lizard Butte District Library	Salmon River Public Library
Lost Rivers District Library	Shoshone Public Library
Lost Rivers District Library-Howe Branch	Snake River School/Community Library
Mackay District Library	Soda Springs Public Library
Madison Library District	South Bannock District Library-Downey
Marshall Public Library	S. Bannock Dist. Library-Lava Hot Springs
McCall Public Library	St. Maries Public Library
Meadows Valley Public Library District	Stanley Community Public Library Dist.
Meridian District Library	Sugar Salem School/Community Library
Middleton Public Library	Twin Falls Public Library
Midvale District Library	Valley of the Tetons District Library
Mountain Home Public Library	Wallace Public Library
Mullan Public Library	Weiser Public Library
Nampa Public Library	Wendell Public Library
North Bingham Co. District Library	West Bonner Library District
Notus Public Library	West Bonner Library District-Blanchard
Oakley District Library	Wilder District Library
Ola District Library	
Oneida County District Library	
Osburn Public Library	
Patricia Romanko Public Library	
Payette Public Library	
Pierce District Library	
Plummer Public Library	
Portneuf District Library	
Post Falls Public Library	
Prairie District Library	
Prairie River Library Dist-Craigmont	
Prairie River Library Dist-Culdesac	
Prairie River Library Dist-Kamiah	
Prairie River Library Dist-Kooskia	
Prairie River Library Dist-Nezperce	
Prairie River Library Dist-Peck	
Prairie River Library Dist-Winchester	
Prairie River Library Dist-Lapwai	
Priest Lake District Library	
Richfield District Library	
Rigby Public Library	
Ririe Public Library	
Roberts Public Library	
Rockland School Community Library	

APPENDIX B

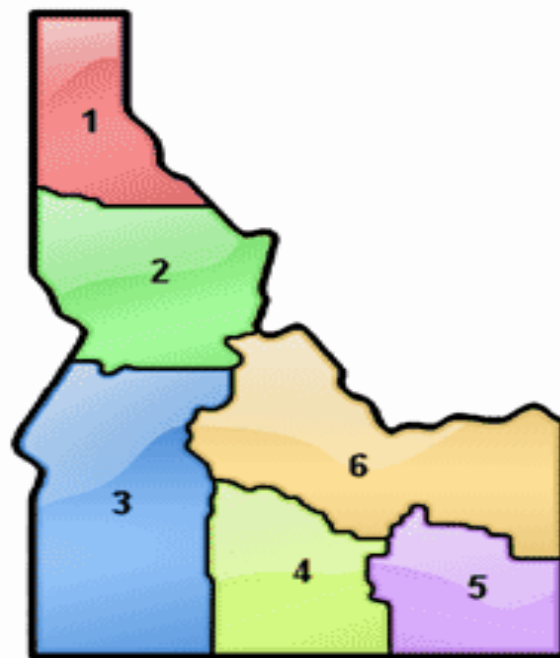
SCHEDULE 1: STATE OF IDAHO NETWORK DIAGRAMS, IDANET

**SCHEDULE 2: STATE OF IDAHO NETWORK DIAGRAMS, IDAHO DIVISION OF
TRANSPORTATION**

**SCHEDULE 3: STATE OF IDAHO NETWORK DIAGRAMS, IDAHO BUREAU OF
HOMELAND SECURITY**

**SCHEDULE 4: STATE OF IDAHO NETWORK DIAGRAMS, IDAHO CAPITOL
MALL FIBER NETWORK (CMFONI)**

APPENDIX C, IEN PHASE I, PILOT PROGRAMS



In Phase I of our IEN effort, we have identified by geographical location, district and current connectivity data, potential public high schools that may be willing to participate in the pilot phase of this program. Those counties are highlighted in **RED** below their respective region.

Region 1	Region 2	Region 3	Region 4	Region 5	Region 6
Benewah	Clearwater	Ada	Blaine	Bannock	Bonneville
Bonner	Idaho	Adams	Camas	Bear Lake	Butte
Boundary	Latah	Boise	Cassia	Bingham	Clark
Kootenai	Lewis	Canyon	Gooding	Caribou	Custer
Shoshone	Nez Perce	Elmore	Jerome	Franklin	Fremont
		Gem	Lincoln	Oneida	Jefferson
		Owyhee	Minidoka	Power	Lemhi
		Payette	Twin Falls		Teton
		Washington Valley			Madison

APPENDIX D, CURRENT STATE OF BROADBAND CONNECTIVITY TO OUR IDAHO PUBLIC SCHOOLS

The following information is provided concerning known broadband connectivity to our Idaho Public Schools. It is included in this document to give Vendors information about what **is** and **is not** currently available to our public schools and to highlight the need for Vendors to assist us in coming up with a viable plan to close the gap on these disparities wherever possible to ensure equal access to all Idaho students to higher education resources. Please note this is not a comprehensive list, but provided to assist Vendors in preparing their proposal responses.

District Id #	Name	Internet Provider	Connection Type	Rate	Cost
1	BOISE INDEPENDENT DISTRICT	Time Warner	Fiber	70 Mbps	\$53,000
2	MERIDIAN JOINT DISTRICT	Time Warner	Fiber	56 Mbps	\$1,300,000
11	MEADOWS VALLEY DISTRICT	Frontier	DSL	512Mb Up, 2Gb Down	\$4,791
13	COUNCIL DISTRICT	Cambridge Telephone Company	DSL	512Kb Up, 2M Down	\$1,827
21	MARSH VALLEY JOINT DISTRICT	MicroServ	Wireless	3Mb	\$11,000
25	POCATELLO DISTRICT	CableONE	Cable,Fiber	3Mb,12Mb	\$67,200
33	BEAR LAKE COUNTY DISTRICT	DirectComm	Cable	1.5Mbps	\$12,314
44	PLUMMER-WORLEY JOINT DISTRICT	RedSpectrum	Wireless	4Mb	\$7,000
52	SNAKE RIVER DISTRICT	Qwest	FP_T1		\$9,960
55	BLACKFOOT DISTRICT	MicroServ	FPMult_T1,DSL	1.544, 4M Up, 16M Down	\$71,417
58	ABERDEEN DISTRICT	DirectComm	Cable	3-5Mb	\$12,000
59	FIRTH DISTRICT	MicroServ	Wireless	Unknown	\$6,000
60	SHELLEY JOINT DISTRICT	CableONE	Cable	10Mb	\$4,116
61	BLAINE COUNTY DISTRICT	Qwest	FPMult_T1	9Mb	\$108,996
71	GARDEN VALLEY DISTRICT	Qwest	FPMult_T1	Unknown	\$10,500
72	BASIN SCHOOL DISTRICT	McLeod USA (Paytech)	FPMult_T1	3Mb	\$11,060
73	HORSESHOE BEND SCHOOL DISTRICT	AT&T	FPMult_T1	Unknown	\$12,480
83	WEST BONNER COUNTY DISTRICT	Concept Cable and Moosebytes	Cable, Wireless	3Mb, 1Mb	\$18,000
91	IDAHO FALLS DISTRICT	Microserv	Fiber	20mbps	\$92,000
92	SWAN VALLEY ELEMENTARY DIST	Snake River ISP	FP_T1	Unknown	\$800
93	BONNEVILLE JOINT DISTRICT	Cable One	Fiber	1000 Mb	\$14,400

APPENDIX D cont., CURRENT STATE OF BROADBAND CONNECTIVITY TO OUR IDAHO PUBLIC SCHOOLS

District Id #	Name	Internet Provider	Connection Type	Rate	Cost
101	BOUNDARY COUNTY DISTRICT	One Eighty Networks	Frame Relay, FPMult_T1	1.2	\$62,880
111	BUTTE COUNTY JOINT DISTRICT	Microserv, Albion	FP_T1	Unknown	\$9,600
121	CAMAS COUNTY DISTRICT	RTCI	Wireless	4Mbps	\$7,400
131	NAMPA SCHOOL DISTRICT	Time Warner	P2P, Fiber	20Mb	\$36,000
133	WILDER DISTRICT	Qwest, COSSA	Wireless	512Kb	\$10,440
134	MIDDLETON DISTRICT	Fiberpipe	FPMult_T1	6.0 ATM	\$2,050
136	MELBA JOINT DISTRICT	Qwest	FPMult_T1	3.1MB	\$15,626
137	PARMA DISTRICT	AT&T	FPMult_T1	4.5Mb	\$24,384
139	VALLIVUE SCHOOL DISTRICT	Time Warner	Fiber	70Mb	\$38,268
148	GRACE JOINT DISTRICT	Mud Lake Telephone Coop	FP_T1, DSL	572 Kbps Up, 867Kbps Down	\$23,196
149	NORTH GEM DISTRICT	ICS Of Idaho	Cable	8Mb	\$3,600
150	SODA SPRINGS JOINT DISTRICT	Independent Cable Systems of Idaho	DSL, Cable	T1	\$1,000
151	CASSIA COUNTY JOINT DISTRICT	Project Mutual Telephone	Fiber	6Mb	\$228,000
161	CLARK COUNTY DISTRICT	Mud Lake Telephone Cooperative Association, Inc.	FP_T1, DSL	572 Kbps Up, 867Kbps Down	\$23,196
171	OROFINO JOINT DISTRICT	Verizon	FP_T1	Unknown	\$10,442
182	MACKAY JOINT DISTRICT	ATC Communications	FP_T1, DSL	256k Up, 1.5M Down	\$540
191	PRAIRIE ELEMENTARY DISTRICT	Broadsky Network Satellite	Satellite	1MBX256KB	\$2,747
192	GLENNS FERRY JOINT DISTRICT	Rural Telephone Company Inc.	Fiber	4Mb	\$16,380
201	PRESTON JOINT DISTRICT	Qwest	Frame Relay, FPMult_T1	Unknown	\$16,000
202	WEST SIDE JOINT DISTRICT	Qwest, Datawav	FP_T1	Unknown	\$533
215	FREMONT COUNTY JOINT DISTRICT	Microserv	Cable, Wireless	5Mb, 3Mb	\$6,600
221	EMMETT INDEPENDENT DIST	Qwest	FPDS3	Unknown	\$63,273
231	GOODING JOINT DISTRICT	CableOne	Cable	8Mb	\$2,100
232	WENDELL DISTRICT	Safelink Internet	Wireless	3Mb	\$10,500
242	COTTONWOOD JOINT DISTRICT	ACC Business branch of AT & T	FP_T1, Wireless	T1, 10Mb	\$15,600
243	SALMON RIVER JOINT SCHOOL DISTRICT	CompuNet	FP_T1	Unknown	\$13,776
244	MOUNTAIN VIEW SCHOOL DISTRICT	CompuNet	FPMult_T1	3.088Mb	\$18,360

APPENDIX D cont., CURRENT STATE OF BROADBAND CONNECTIVITY TO OUR IDAHO PUBLIC SCHOOLS

District Id #	Name	Internet Provider	Connection Type	Rate	Cost
252	RIRIE JOINT DISTRICT	MicroServ Computer Technologies, Inc.	Wireless	T1	\$6,000
253	WEST JEFFERSON DISTRICT	Mudlake Internet	FP_T1	100 & 10	\$6,600
262	VALLEY DISTRICT	Qwest	FPMult_T1	10Mb	\$6,380
271	COEUR D ALENE DISTRICT	180 Networks	Fiber	56Mb,10Mb	\$15,129
272	LAKELAND DISTRICT	J and R Electronics	Wireless	Unknown	\$90,000
273	POST FALLS DISTRICT	One Eighty Networks	Wireless, Fiber	20Mb	\$12,000
274	KOOTENAI DISTRICT	180 Networks	FP_T1	2Mb Up, 512k Down	\$10,056
281	MOSCOW DISTRICT	First Step Internet	Fiber	5Mb, symmetrical dedicated internet	\$13,670
282	GENESEE JOINT DISTRICT	First Step	Wireless	3Mb Up,	\$6,420
283	KENDRICK JOINT DISTRICT	Telephone and Data Systems Inc.	FPMultT1_Rate, Other	Unknown	\$10,800
285	POTLATCH DISTRICT	First Step Internet	Wireless	Unknown	\$4,800
287	TROY SCHOOL DISTRICT	Schools: TDS for T1. District Office: Troy Cable	FP_T1	768k Up, 1.5M Down	\$15,084
288	WHITEPINE JT SCHOOL DISTRICT	Verizon	P2P, FP_T1	1.54Mb	\$26,280
292	SOUTH LEMHI DISTRICT	Centurytel	DSL		\$4,968
304	KAMIAH JOINT DISTRICT	COMPUNET	FPMult_T1	1.54Mb	\$23,880
305	HIGHLAND JOINT DISTRICT	AT&T	FP_T1	Unknown	\$8,117
312	SHOSHONE JOINT DISTRICT	Cableone	Cable	8Mb	\$9,000
314	DIETRICH DISTRICT	Tek-Hut	FP_T1	Unknown	\$4,500
321	MADISON DISTRICT	Fairpoint Communications	Fiber	10 mbps	\$12,000
322	SUGAR-SALEM JOINT DISTRICT	Microserv	Wireless	10Mb	\$13,000
331	MINIDOKA COUNTY JOINT DISTRICT	Safelink, PMT, CableOne	Cable	3Mb	\$15,357
340	LEWISTON INDEPENDENT DISTRICT	XO Communications	Other	10 Mbps Ethernet	\$15,000
341	LAPWAI DISTRICT	AT&T	Frame Relay, FPMult_T1	Unknown	\$28,000
351	ONEIDA COUNTY DISTRICT	ISU	FP_T1	Unknown	\$12,600
363	MARSING JOINT DISTRICT	COSSA WAN, SafeLink	Wireless	1.5Mb	\$9,504

APPENDIX D cont., CURRENT STATE OF BROADBAND CONNECTIVITY TO OUR IDAHO PUBLIC SCHOOLS

District Id #	Name	Internet Provider	Connection Type	Rate	Cost
365	BRUNEAU-GRAND VIEW JOINT DIST	Qwest	FP_T1	Unknown	\$18,000
370	HOMEDALE JOINT DISTRICT	Ispeed- Payette Idaho	FP_T1	Unknown	\$15,600
371	PAYETTE JOINT DISTRICT	ISpeed Wireless	FP_T1	Unknown	\$16,321
372	NEW PLYMOUTH DISTRICT	SolutionPro	FPMult_T1	1.544	\$14,064
381	AMERICAN FALLS JOINT DISTRICT	CableOne and Host Idaho	FP_T1,Cable, Wireless	T1, 3Mb, 7Mb	\$15,480
382	ROCKLAND DISTRICT	DirectComm	DSL	3.3Mb	\$300
383	ARBON ELEMENTARY DISTRICT	DirectComm	DSL	512k Down	\$2,088
391	KELLOGG JOINT DISTRICT	J&R Electronics	Wireless	20Mb	\$90,000
392	MULLAN DISTRICT	Mullan Cable	Cable	T1	\$4,800
394	AVERY SCHOOL DISTRICT	Imbris	Satellite	777kbps	\$5,004
401	TETON COUNTY DISTRICT	Columbine Telephone (dba SilverStar)	FPMult_T1	5Mb	\$21,342
411	TWIN FALLS DISTRICT	Qwest	FPDS3		\$51,000
412	BUHL JOINT DISTRICT	Syringa	Fiber	10Mb	\$18,160
413	FILER DISTRICT	Filer Mutual	Fiber	3Mb	\$4,200
414	KIMBERLY DISTRICT	Tek-Hut	P2P	Unknown	\$11,000
417	CASTLEFORD DISTRICT	SiteStar	FPMult_T1	Unknown	\$10,904
418	MURTAUGH JOINT DISTRICT	Safelink	Wireless	1.5M	\$9,600
421	MC CALL-DONNELLY DISTRICT	Frontier Communication	P2P, FPMult_T1	Unknown	\$39,600
422	CASCADE DISTRICT	Frontier	P2P	Unknown	\$10,435
431	WEISER DISTRICT	Rural Network	FPDS3, DSL	1M Up, 4M Down	\$1,140
432	CAMBRIDGE JOINT DISTRICT	Cambridge Telephone Company	DSL	512k Up, 3072k Down	\$1,143
433	MIDVALE DISTRICT	Rural Network	DSL	256k Up, 768k Down	\$1,050

APPENDIX D cont., CURRENT STATE OF BROADBAND CONNECTIVITY TO OUR IDAHO PUBLIC SCHOOLS

District Id #	Name	Internet Provider	Connection Type	Rate	Cost
451	Victory Charter School	Qwest	FP-T1	10Mb	\$5,700
452	Idaho Virtual Academy	SolutionPro	Fiber	384k Up, 1.7M Down	\$504,900
453	Richard Mckenna Charter High School	Qwest	DSL	384k Up, 3M Down	\$17,434
455	Compass Public Charter LEA	Qwest	DSL	Unknown	\$980
456	Falcon Ridge Charter LEA	cableone.net	Cable	768k Up, 4M Down	\$0
457	INSPIRE VIRTUAL CHARTER LEA	Qwest	DSL		\$3,000
458	LIBERTY CHARTER SCHOOL	Qwest	FP_T1	54Mb	\$5,700
459	GARDEN CITY COMMUNITY CHARTER	Qwest	Wireless	6Mb	\$1,117
460	THE ACADEMY (ARC)	Cableone	Cable	Unknown	\$0
462	Xavier Charter School	Project Mutual Telephone Company	Fiber	8M Up, 1M Down	\$1,200
463	Vision Charter School	CableOne	Cable	1.5Mb	\$1,000
464	White Pine Charter School	MicroServ	Fiber	512k Up, 512k Down	\$1,442
492	ANSER Charter School	Qwest	DSL	15Mb	\$1,020
768	MERIDIAN CHARTER HIGH SCH INC	Time Warner	FPMult_T1	637k Up, 3M Down	\$16,754
772	Hidden Springs Charter School	ctcweb	DSL	768k Up, 3M Down	\$3,937
774	Coeur d'Alene Charter Academy	OneEighty Networks, Inc.	DSL	512k	\$1,230
777	Pocatello Com Charter School	Fairpoint Wireless	Wireless	384k Up, 1.5M Down	\$0
779	Sandpoint Charter School	180 networks	DSL	356k	\$840
783	North Star Charter School	Cable One	Cable		\$1,276
785	Meridian Medical Arts Charter HS	Joint School District #2	Frame Relay, FP_T1	2Mb	\$1
786	Idaho Distance Education Academy (IDEA)	Verizon, Integra	FPMult_T1	Vallivue Wireless Bridge	\$50,032
787	Thomas Jefferson Charter School	Vallivue Dist #139	Other		\$3,240
TOTAL					\$3,84,735

APPENDIX D cont., CURRENT STATE OF BROADBAND CONNECTIVITY TO OUR IDAHO PUBLIC SCHOOLS (OTHER CONNECTION TYPES-LIMITED INFO)

District Id #	Name	Internet Provider	Connection Type	Rate	Comments
001	BOISE INDEPENDENT DISTRICT	Unknown	Wireless	256Mb	Remote Classroom
025	POCATELLO DISTRICT	Unknown	Fiber\Broadband Cable	Unknown	District wide Internet Connectivity
033	BEAR LAKE COUNTY DISTRICT	Unknown	Broadband Cable\DSL	1.5Mb\1.5Mb	Broadband Cable and DSL
052	SNAKE RIVER DISTRICT	Cable One	Broadband	Unknown	Cable One courtesy account
055	BLACKFOOT DISTRICT	Unknown	DSL\T1\Fiber	Unknown	
060	SHELLEY JOINT DISTRICT	Unknown	Fiber\Wireless	1GB\54MB	
071	GARDEN VALLEY DISTRICT	Unknown	DSL	1.5MB	
083	WEST BONNER COUNTY DISTRICT	Unknown	DSL	1.5MB	
101	BOUNDARY COUNTY DISTRICT	Unknown	2 T1 Lines	1.2 MB	2 T1's provide Internet Access for all District Schools
133	WILDER DISTRICT	Unknown	Frame Relay	256KB	
150	SODA SPRINGS JOINT DISTRICT	Unknown	3-T1 Lines 2-512KB Lines	1.5Mb, 512KB	
161	CLARK COUNTY DISTRICT	Unknown	T-1 Line	1.5MB	Lindy Ross Elementary gets Internet connectivity from HS via T1
171	OROFINO JOINT DISTRICT	Unknown	Satellite connection\Frame Relay	1.5MB\256KB	SATCOM to Cavendish Elementary, Frame really to collection point for other schools to access
191	PRAIRIE ELEMENTARY DISTRICT	Unknown	Rural Telephone Dial -up	256KB	
193	MOUNTAIN HOME DISTRICT	Unknown	DSL	1.54MBs	DSL to Pine School
215	FREMONT COUNTY JOINT DISTRICT	Microserv\Cable One	Wireless\Broadband Cable	Unknown	Cable One Free but Slow Connection
221	EMMETT INDEPENDENT DIST	Unknown	DSL	1.54Mbs	
231	GOODING JOINT DISTRICT	Unknown	DSL	1.5MB down\756K up	
241	COTTONWOOD JOINT DISTRICT	Uknown	Wireless Internet	Unknown	Wireless Internet Access between buildings

APPENDIX D cont., CURRENT STATE OF BROADBAND CONNECTIVITY TO OUR IDAHO PUBLIC SCHOOLS (OTHER CONNECTION TYPES-LIMITED INFO)

District Id #	Name	Internet Provider	Connection Type	Rate	Comments
244	MOUNTAIN VIEW SCHOOL DISTRICT	Unknown	Frame Relay	56KB	
281	MOSCOW DISTRICT	Unknown	DSL	3MB\768KB	
283	KENDRICK JOINT DISTRICT	Unknown	1-Dial Up Acct	56KB	
287	TROY SCHOOL DISTRICT	Unknown	T1\cable modem	1.54KB\512kb	Schools: T1\District Office: Cable Modem
288	WHITEPINE JT SCHOOL DISTRICT	Unknown	T1\HS Wireless	1.54MB\1.5MB	
312	SHOSHONE JOINT DISTRICT	Unknown	T1 Point to Point	1.54KB	
331	MINIDOKA COUNTY JOINT DISTRICT	Unknown	T1	1.54KB	
351	ONEIDA COUNTY DISTRICT	Unknown	DSL, T1, Wireless Internet	1.54MB\1.54MB\2MB	
363	MARSING JOINT DISTRICT	Unknown	Wireless	10MB	Wireless via COSSA WAN
381	AMERICAN FALLS JOINT DISTRICT	Cable One\Host Idaho	Single T1\Cable\Wireless	1.54MB	Wireless from Host Idaho; outgoing Round Robin on all 3 links, Incoming T1, Wireless
391	KELLOGG JOINT DISTRICT	Motorola Wireless\Unknown Cable	Wireless, Motorola\Broadband Cable	20MB\512KB	
394	AVERY SCHOOL DISTRICT	Verizon	Frame Relay	Unknown	
401	TETON COUNTY DISTRICT	Unknown	DSL\Dial up	1.2GDown\Up 512MB\50KB	

APPENDIX D cont., CURRENT STATE OF BROADBAND CONNECTIVITY TO OUR IDAHO PUBLIC SCHOOLS (OTHER CONNECTION TYPES-LIMITED INFO)

District Id #	Name	Internet Provider	Connection Type	Rate	Comments
411	TWIN FALLS DISTRICT	Unknown	Broadband Cable	5MBs	
413	FILER DISTRICT	Unknown	DSL	3MB	DSL at Hollister
414	KIMBERLY DISTRICT	Unknown	Cable	Unknown	Cable for Emergencies
421	MC CALL-DONNELLY DISTRICT	Metro Net	T1	1.544MB	
422	CASCADE DISTRICT	Unknown	DSL	2MBUp\512KB Down	
464	White Pine Charter School	Unknown	DSL (not hooked up)	1.5MB	Available for Back up
768	MERIDIAN CHARTER HIGH SCH INC	Time Warner\Cable One	Broadband Cable	15MB for TM6MB Cable One	
786	Idaho Distance Education Academy (IDEA)	Unknown	DSL	2.4MBUp\512KB Down	
787	Thomas Jefferson Charter School	Unknown	LANWAN	Unknown	

APPENDIX D cont., CURRENT STATE OF BROADBAND CONNECTIVITY TO OUR IDAHO PUBLIC LIBRARIES (OTHER CONNECTION TYPES-LIMITED INFO)

Count of Libraries by Internet Connectivity Type	Total
Cable	11
Dedicated Connection	3
DSL	12
Fiber Optic	2
Municipal Network-regardless of Type	2
Satellite	4
Wireless	9
Frame Relay	5
Grand Total	48

Count of Libraries by Connection Rate	Total
129kbps-256kbps	2
769kbps-1.4Mbps (megabits/second)	4
1.5 Mbps (T1)	13
1.6 Mbps-5.0 Mbps	7
257 kbps-768 Kbps	2
6.0 Mbps-10Mbps	10
Greater than 10 Mbps	1
Unknown	9
Grand Total	48

APPENDIX E, VIDEO TELECONFERENCING GOALS AND PROPOSED CLASSROOM EQUIPMENT SPECIFICATIONS

(Note these are minimum configuration standard criteria that the State will use in its efforts to develop viable VTC packages in support of public High Schools, Elementary, and Middle Schools that currently do not have these capabilities or are in need of tech refreshments).

GOALS:

The objective of our IEN Video Teleconferencing initiative is to achieve, by leveraging the capabilities of our proposed IEN backbone, a statewide synchronous video network capable of enhancing educational opportunities and citizen services through the exchange of interactive video between and among various educational and educational support entities.

In order to accomplish this, a number of tasks have been identified to be completed:

- Identification of a single audio and video standard for low-bandwidth distance learning and videoconferencing;
- Acquisition of new or replacement equipment and/or software that ensures compliance with proposed State of Idaho IEN audio and video standards stated below;
- Development or purchase of a scheduling system or enterprise resource management program that allows potential users to A) know the location and availability of resources, and B) set up or reserve ad hoc or regularly scheduled events with other entities;
- Leveraging the capabilities of a Managed Internet Service Provider to provide network bandwidth management tools and network monitoring capabilities that assures pre-determined qualities of service, depending upon the type of video traffic;
- Development of an event clearinghouse that allows promotion, marketing, and registration for interactive video events;
- Development of training modules for new users;
- Development of a cost and funding algorithm to allow shared use of the statewide backbone for interstate distance education and videoconferencing.

General (Proposed VTC Configurations)

- 1) Each tele-conferencing classroom's hardware purchased by the State of Idaho will be configured to have teleconferencing, projection, amplification audio, microphone and data camera.

APPENDIX E cont., VIDEO TELECONFERENCING GOALS, AND PROPOSED CLASSROOM EQUIPMENT SPECIFICATIONS CONTINUED

(Note these are minimum configuration standard criteria that the State will use in its efforts to develop viable VTC packages in support of public High Schools, Elementary, and Middle Schools that currently do not have these capabilities or are in need of tech refreshments).

- 2) Equipment to support both receive and origination education capabilities in a one camera environment.
- 3) Each tele-conferencing classroom' software will be configured to support video & content, remote configuration and remote support.
- 4) Each tele-conferencing classroom system will be configured to receive and display high definition video. NOTE: Initial bandwidth and projection equipment may not support high definition at all locations but the equipment should be configured to receive and display high definition when the bandwidth and projection equipment is available.
- 5) Each tele-conferencing classroom system will be configured with a minimum of integrated four (4) port video multiplexing capabilities. NOTE: Initial bandwidth and projection equipment may not support video multiplexing but the equipment should be configured to originate a multi-port session when the bandwidth is available.
- 6) Phase 1 tele-conferencing classrooms should be configured to be fixed systems.
- 7) Installation, programming and training on all equipment and software.
- 8) Maintenance agreement on all equipment as per this RFP.

A typical roll-about VTC system envisioned for a public School System may include:

Roll-about cart
Plasma Screen 42 inch
CODEC
CCD Pan-Tilt-Zoom Camera
Keypad Remote Controller
Tabletop Microphones (two Microphone arrays)
Flatbed Document Camera
Single CCD Remote Pan-Tilt-Zoom Camera
Scan Converter
VCR/DVD
Encryption Equipment
Network Interface equipment
Inverse Multiplexer (IMUX) (for rates above 128kbps)
Terminal Adapter
Miscellaneous cables, adapters, and connectors

A typical Desktop VTC envisioned for a public School system may include:

Personal computer
CODEC (built into PC interface card)
Single CCD Camera (usually monitor mounted)
Installed sound card, with microphone and speakers
Terminal Adapter
Network Interface Equipment

APPENDIX E cont., VIDEO TELECONFERENCING GOALS, AND PROPOSED CLASSROOM EQUIPMENT SPECIFICATIONS CONTINUED (Note these are minimum configuration standard criteria that the State will use in its efforts to develop viable VTC packages in support of public High Schools, Elementary, and Middle Schools that currently do not have these capabilities or are in need of tech refreshments).

Proposed Technical Specifications:

- a. Bandwidth: H.320 up to 512 kbps, H.323 up to 2 Mbps, SIP up to 2 Mbps
Firewall Traversal: Auto NAT, H.460.18, H.460.19 support for the MPEG4 AAC-LD standard
- b. Video Standards: H.261, H.263, H.263+, H.263++ (Natural Video), H.264
- c. ITU 50/60 fps full screen - Pro-Motion
- d. Video Features:
 - 1) Native 16:9 Widescreen
 - 2) Advanced Screen Layouts
 - 3) Picture in Picture (PIP)
 - 4) Picture outside Picture & Large POP
 - 5) Side by Side
 - 6) PC Zoom
 - 7) Intelligent Video Management
 - 8) Simultaneous videoconference & local PC mode Local Auto Layout
- e. Video Inputs: Five
 - 1) 1x 9 Pin DSUB:HD Main camera or S-video & control main camera
 - 2) 1 x MiniDin, S-video: auxiliary/document camera
 - 3) 1 x RCA/Phono, composite: document camera/aux 1 x RCA/Phono, composite: VCR
 - 4) 1 x DVI-I: PC
 - 5) Input: 800 x 600 (@ 60, 72,75,85 hz), 1024 x 768
 - 6) (@ 60, 70, 75 hz), 1280 x 720 (HD720P) (@ 50, 60 Hz), 1280 x 1024 @ 60hz
 - 7) Extended Display Identification Data (EDID)
- f. Video Outputs
 - 1) 1 x MiniDin, S-video: main monitor
 - 2) 1 x RCA/Phono, composite: main monitor or VCR
 - 3) 1 x RCA/Phono, composite: dual monitor or VCR
 - 4) 1 x DVI-I/XGA: main or second monitor
 - 5) XGA OUTPUT
 - 6) 800 x 600 @ 75hz, 1024 x 768 @ 60 hz, 1280 x 768 (WXGA) @ 60 hz, 1280 x 720 (HD720p) @ 60 Hz VESA Monitor Power Management
- g. Video Formats: NTSC, PAL, VGA, SVGA, XGA, W-XGA, SXGA and HD720p
- h. Live Video Resolutions
 - 1) NATIVE NTSC:
 - a) 400p (528 x 400 pixels)
 - b) 4SIF (704 x 480 pixels), Digital Clarity
 - c) Interlaced SIF (iSIF 352 x 480 pixels), Natural Video SIF (352 x 240 pixels)

APPENDIX E cont., VIDEO TELECONFERENCING GOALS, AND PROPOSED CLASSROOM EQUIPMENT SPECIFICATIONS CONTINUED (Note these are minimum configuration standard criteria that the State will use in its efforts to develop viable VTC packages in support of public High Schools, Elementary, and Middle Schools that currently do not have these capabilities or are in need of tech refreshments).

Proposed Technical Specifications Continued:

2) NATIVE PAL:

- a) 448p (576 x 448 pixels)
- b) 4CIF (704 x 576 pixels), Digital Clarity
- c) Interlaced CIF (iCIF 352 x 576 pixels), Natural Video CIF (352 x 288 pixels)
- d) QCIF (176 x 144 pixels)
- e) SQCIF (128 x 96 pixels) decode only

3) NATIVE PC RESOLUTIONS:

- a) XGA (1024 x 768)
- b) SVGA (800 x 600 pixels) VGA (640 x 480 pixels)
- c) WIDE RESOLUTIONS:
- d) w288p (512 x 288 pixels) w448p (768 x 448 pixels) w576p (1024 x 576 pixels) w720p (1280 x 720 pixels)

i. STILL IMAGE TRANSFER: CIF, SIF, 4CIF (H.261 Annex D), 4SIF, VGA, SVGA, XGA

j. AUDIO STANDARDS: G.711, G.722, G.722.1, G.728, 64 bit & 128 bit MPEG4 AAC-LD

k. AUDIO FEATURES

- 1) CD-Quality 20KHz Mono and Stereo
- 2) Telephone add-on via MultiSite
- 3) Two separate acoustic echo cancellers
- 4) Audio mixer
- 5) Automatic Gain Control (AGC) Automatic Noise Reduction Audio level meters
- 6) VCR ducking
- 7) Packet loss management Active lip synchronization
- 8) Digital Natural Audio Module (DNAM)
- 9) 2*30 W output power
- 10) 2 integrated speakers
- 11) GSM interference audio feature

l. AUDIO INPUTS (4 INPUTS):

- 1) 2 x microphone, 24V phantom powered, XLR connector
- 2) 1 x RCA/Phono, Line Level: auxiliary (or VCR Stereo L)
- 3) 1 x RCA/Phono, Line Level: VCR/DVD (Stereo R)

m. AUDIO OUTPUTS (2 OUTPUTS):

- 1) 1x RCA/Phono, S/PDIF (mono/stereo) or Analogue Line Level: main audio or Analogue Stereo L
- 2) 1 x RCA/Phono, Line Level: VCR or Analogue Stereo R

n. FRAME RATES

- 1) 30 frames per second @ 168 kbps and above
- 2) 60 fields per second @ 336 kbps and above (Point-to-point)

APPENDIX E cont., VIDEO TELECONFERENCING GOALS, AND PROPOSED CLASSROOM EQUIPMENT SPECIFICATIONS CONTINUED (Note these are minimum configuration standard criteria that the State will use in its efforts to develop viable VTC packages in support of public High Schools, Elementary, and Middle Schools that currently do not have these capabilities or are in need of tech refreshments).

Proposed Technical Specifications Continued:

- o. DUAL STREAM
 - 1) DuoVideo
 - 2) H.239 dual stream
 - 3) Dynamic bandwidth adjustment (H.323) Available on H.323, H.320 & SIP
 - 4) Available in Multisite from any site BFCP
- p. NETWORK FEATURES
 - 1) Auto H.320/H.323 dialing
 - 2) SIP
 - 3) Downspeeding
 - 4) Programmable network profiles
 - 5) Intelligent Call Management
 - 6) Maximum call length timer
 - 7) Automatic SPID and line number configuration (National ISDN, GR-2941-CORE)
 - 8) SoftMux
 - 9) H.331 Broadcast Mode
 - 10) NATO standard KG194/KIV-7 encryptor support** URI Dialing
- q. MULTISITE FEATURES
 - 1) H.323/H.320/SIP/Telephony/VoIP in the same conference Audio and Video Transcoding
 - 2) Video rate matching from 56 kbps — maximum conference rate CP4 and Voice Switched
 - 3) Best Impression (Automatic CP Layouts)
 - 4) H.264, Encryption, Digital Clarity
 - 5) Dual Stream from any site
 - 6) ISDN & IP Downspeeding and IPLR
 - 7) MultiSite (H.243) Cascading on H,320 & H.323 Unicode h.243 Terminal Names
 - 8) Dial in/Dial out
 - 9) Chair control for host system
 - 10) Snapshot of ongoing conference (JPEG)
 - 11) Snapshot of ongoing DuoVideo/H.239 presentation (JPEG) Separate welcome page for encrypted conferences Conference rates up to 2.3 Mbps with optional bandwidth upgrade (1.5 Mbps is standard conference rate) Up to 4 video and 3 audio sites
 - 12) 4 sites @ 768 kbps (+telephone calls)
 - 13) Mix ISDN-BRI and IP up to maximum conference rate Multiway (Beta)
- r. EMBEDDED ENCRYPTION
 - 1) H.323, H.320 & SIP point-to-point and multipoint calls Standards-based: H.233, H.234, H.235 v2&v3, DES and AES NIST-validated AES
 - 2) NIST-validated DES
 - 3) Automatic key generation and exchange

APPENDIX E cont., VIDEO TELECONFERENCING GOALS, AND PROPOSED CLASSROOM EQUIPMENT SPECIFICATIONS CONTINUED (Note these are minimum configuration standard criteria that the State will use in its efforts to develop viable VTC packages in support of public High Schools, Elementary, and Middle Schools that currently do not have these capabilities or are in need of tech refreshments).

Proposed Technical Specifications Continued:

- 4) Supported in Dual Stream
- s. IP NETWORK FEATURES
 - 1) IEEE 802.1x/EAP Network Authentication H.235 Gatekeeper Authentication DNS lookup for service configuration Differentiated Services (DiffServ) Resource Reservation Protocol (RSVP) IP precedence
 - 2) IP type of service (ToS)
 - 3) IP adaptive bandwidth management (including flow control) Auto gatekeeper discovery
 - 4) Dynamic playout and lip-sync buffering Intelligent Packet Loss Recovery (IPLR) H.245 DTMF tones in H.323
 - 5) Cisco CallManager integration using ECS IP Address Conflict Warning Date and Time support via NTP Call Services
 - 6) IPv6 NETWORK SUPPORT
 - 7) Dual Stack IPv4 and IPv6 simultaneous support
 - 8) Net service support on IPv6: Telnet, SSH, HTTP, HTTPS, ftp, SNMP, DNS, NTP, DHCP
 - 9) Media support on IPv6: H.323, SIP, Streaming
- t. SECURITY FEATURES
 - 1) Management via HTTPS and SSH IP Administration Password Menu Administration Password Dialing Access code
 - 2) Streaming password
 - 3) H243 MCU Password
 - 4) VNC password
 - 5) SNMP security alerts
 - 6) Disable IP services
 - 7) MD-5 Challenge
 - 8) Network Settings protection SIP Authentication via NTLM SIP Authentication via Digest FIPS Mode
- u. NETWORK INTERFACES
 - 1) 4 x ISDN BRI (RJ-45), S-interface
 - 2) 1x LAN/Ethernet (RJ-45) 10/100 Mbit (LAN/DSL/cable modem)
 - 3) 1 x PC card slot (PCMCIA) for wireless LAN
 - 4) 1x X.21/V.35/RS-449 with RS-366 dialing, RS-366 Adtran IMUX, Leased Line, Data Triggered, and Manual** 1 x USB for future use
- v. WIRELESS LAN SUPPORT
 - 1) Compliant with IEEE 802.11b, up to 11 Mbit Support for 64/128 bit encryption (WEP) Infrastructure or ad-hoc mode
- w. ETHERNET/INTERNET/INTRANET CONNECTIVITY
 - 1) TCP/IP, DHCP, ARP, FTP, Telnet, HTTP, HTTPS, SOAP and XML, MD-5 Challenge
 - 2) SNMP Enterprise Management
 - 3) Internal web server

APPENDIX E cont., VIDEO TELECONFERENCING GOALS, AND PROPOSED CLASSROOM EQUIPMENT SPECIFICATIONS CONTINUED (Note these are minimum configuration standard criteria that the State will use in its efforts to develop viable VTC packages in support of public High Schools, Elementary, and Middle Schools that currently do not have these capabilities or are in need of tech refreshments).

Proposed Technical Specifications Continued:

- 4) Internal streaming server
- x. OTHER MAJOR STANDARDS SUPPORTED: H.231, H.233, H.234, H.235 v2&v3, H.239, H.241, H.243, H.281, BONDING (ISO 13871), H.320, H.323, H.331, RFC 3261, RFC 2237, RFC 3264, RC 3311. RFC 3550, RFC 2032, RFC 2190, RFC 2429, RFC 3407
- y. PRECISION HDTM CAMERA
 - 1) 7 x zoom 1/3' CMOS +10°/-20° tilt +/- 90° pan
 - 2) 42° vertical field of view
 - 3) 72° total vertical field of view
 - 4) 70° horizontal field of view
 - 5) 250° total horizontal field of view Focus distance 0.3m–infinity
 - 6) 1280 x 720 pixels progressive @ 30fps
 - 7) Automatic or manual focus/brightness/whitebalance Far-end camera control
 - 8) 15 near and far-end camera presets Voice-activated camera positioning Daisy-chain support (Visca protocol camera)
- z. CLOSED CAPTIONING/TEXT CHAT
 - 1) T.140 text chat available from RS-232, Telnet, Web and User Interface
- aa. PRESENTATIONS AND COLLABORATION
 - 1) Natural Presenter Package including:
 - a) PC Presenter (DVI-I, SXGA In)
 - b) PC SoftPresenter
 - c) Digital Clarity & Native Formats
 - d) Advanced Video Layouts
 - e) Streaming compatible with Cisco IP/TV, Apple QuickTime®, RealPlayer® v8 etc.
 - f) DuoVideo
 - g) H.239
- bb. SYSTEM MANAGEMENT
 - 1) Support for the TANDBERG Management Suite
 - 2) Total management via embedded web server, SNMP, Telnet, SSH, FTP and SOAP
 - 3) Remote software upload: via web server, ftp server or ISDN 1 x RS-232 local control and diagnostics
 - 4) Remote control and on-screen menu system
 - 5) External Services from TMS
- cc. DIRECTORY SERVICES
 - 1) Support for Local directories (My Contacts), Corporate Directory and Global Directory
 - 2) Unlimited entries using Server directory supporting LDAP and H.350*
 - 3) Unlimited number for Corporate directory (through TMS) 400 number global directory 200 number local directory

APPENDIX E cont. , VIDEO TELECONFERENCING GOALS, AND PROPOSED CLASSROOM EQUIPMENT SPECIFICATIONS CONTINUED (Note these are minimum configuration standard criteria that the State will use in its efforts to develop viable VTC packages in support of public High Schools, Elementary, and Middle Schools that currently do not have these capabilities or are in need of tech refreshments).

Proposed Technical Specifications Continued:

- 4) 16 dedicated Multi Site entries Received Calls with Date and Time
Directories in Local Languages Placed Calls with Date and Time Missed
Calls with Date and Time
- dd. 16 SELECTABLE MENU LANGUAGES
 - 1) Arabic, Chinese, Traditional Chinese, English, French, German, Italian,
Japanese, Korean, Norwegian, Portuguese, Russian, Spanish, Suomi,
Swedish, Thai Chinese, Korean and Japanese Input Method Editor
- ee. CUSTOMIZED WELCOME SCREEN AND COMPANY LOGO
 - 1) Picture JPEG (logo.jpg): Recommended maximum size is 704x576 for
Welcome Screen and 352x288 for Encryption Required Screen
POWER: 100–240VAC, 60/50Hz, 6A
- ff. OPERATING TEMPERATURE AND HUMIDITY: 0° C to 40° C (32° F to 104° F)
ambient temperature 10% to 90% Relative Humidity (RH)
- gg. STORAGE AND TRANSPORT TEMPERATURE: -20° C to 60° C (-4° F to 140° F)
at RH 10–90% (non-condensing)
- hh. APPROVALS
 - 1) Directive 73/23/EEC (Low Voltage Directive)
 - 2) Standard EN 60950
 - 3) Directive 89/336/EEC (EMC Directive)
 - 4) Standard EN 55022, Class B
 - 5) Standard EN 55024
 - 6) Standard EN 61000-3-2/-3-3 Directive 1999/5/EEC (R&TTE Directive)
 - 7) Standard TBR3
 - 8) Approved according to UL 60950 and CAN/CSA C22.2
 - 9) No. 60950
 - 10) Complies with FCC15B Class B
- ii. FOOTPRINT
 - 1) ROLLABOUT: Width: 35.4"/90 cm Depth: 29.7"/75.5 cm
 - 2. Furnish and install transient voltage surge suppressor(s) which comply with the following
specification requirements:
 - a. Rating: 20 A
 - b. UL listing

APPENDIX F, IDANET TRANSITION CUSTOMER LOCATIONS AND CURRENT REQUIREMENTS

Agency Name	DSL	Service Type	Current Bandwidth (MB)	Geographic Location
Accountancy, Board of (Owyhee Plaza)		UBR	1.5	Boise Metro
Aging, Commission on	FRS	VBR	1.5	Boise Metro
Agriculture, Department of				
<i>Boise IMA Group</i>		Access	3	Boise Metro
<i>Nampa</i>		VBR	1.5	Boise Metro
<i>Twin Falls</i>		VBR	1.5	Southern Idaho
Arts, Commission	DSL	UBR	1.5	Boise Metro
Blind & Visually Impaired, Commission for the				
<i>Coeurd'Alene</i>	DSL	VBR	1.5	North Idaho
<i>Lewiston</i>	DSL	VBR	1.5	North Idaho
<i>Idaho Falls</i>	DSL	VBR	1.5	Eastern Idaho
<i>Pocatello</i>	DSL	VBR	1.5	Eastern Idaho
<i>Twin Falls</i>	DSL	VBR	1.5	Southern Idaho
Building Safety, Division of				
<i>Coeur d'Alene</i>		VBR	1.5	North Idaho
<i>Meridian to CMFONI</i>		VBR	6	Boise Metro
Corrections, Department of – (modified pricing)				
<i>Blackfoot Dist 7</i>	FRS	VBR	1	Eastern Idaho
<i>Boise Orchard to CMFONI</i>	AT M	VBR	8	Boise Metro
<i>Boise CWCEB</i>	FRS	VBR	1	Boise Metro
<i>Boise Dist4E</i>	AT M	CBR	1.5	Boise Metro
<i>Boise Dist4W</i>	AT M	CBR	1.5	Boise Metro
<i>Boise Parole</i>	AT M	CBR	1.5	Boise Metro
<i>Burley</i>	AT M	CBR	1.5	Eastern Idaho
<i>Caldwell Dist3</i>	AT M	CBR	1.5	Boise Metro
<i>CDA</i>	FRS	VBR	1.5	North Idaho
<i>Cottonwood</i>	AT M	CBR	1.5	North Idaho
<i>Idaho Falls CWCIF</i>	FRS	VBR	1	Eastern Idaho
<i>Idaho Falls Dist7</i>	AT M	CBR	1.5	Eastern Idaho
<i>Kuna IMSI</i>	AT	CBR	1.5	Boise Metro

	M			
	AT	CBR		
<i>Kuna ISCI</i>	M		1.5	Boise Metro
	AT	CBR		
<i>Kuna SICI</i>	M		1.5	Boise Metro
	AT	CBR		
<i>Lewiston</i>	M		1.5	North Idaho
<i>Meridian Dist 4</i>	FRS	VBR	1	Boise Metro
	AT			
<i>Mountain Home</i>	M	CBR	1.5	Eastern Idaho
<i>Nampa CWCN</i>	FRS	VBR	1	Boise Metro
	AT	CBR		
<i>Orofino</i>	M		1.5	North Idaho
	AT	CBR		
<i>Payette</i>	M		1.5	Boise Metro
	AT	CBR		
<i>Pocatello Dist6</i>	M		1.5	Eastern Idaho
	AT	CBR		
<i>Pocatello PWCC</i>	M		1.5	Eastern Idaho
<i>Rexburg Dist 7</i>	FRS	VBR	1	Eastern Idaho
	AT	CBR		
<i>Sandpoint</i>	M		1.5	North Idaho
	AT	CBR		
<i>SBWCC</i>	M		1.5	Boise Metro
	AT	CBR		
<i>St. Anthony</i>	M		1.5	Eastern Idaho
	AT	CBR		
<i>Twin Falls Dist5</i>	M		1.5	Southern Idaho
Dairy Commission	DSL	UBR	0.75	Boise Metro
Denstistry, Board of	DSL	UBR	0.75	Boise Metro
Developmental Disabilities, Council on	DSL	UBR	1.5	Boise Metro
Endowment Fund Investment Board	DSL	UBR	1.5	Boise Metro
Environmental Quality, Department of – (modified pricing)				
<i>Boise (Orchard Campus)</i>		VBR	9	Boise Metro
<i>Coeur d'Alene</i>		CBR	5	North Idaho
<i>Idaho Falls</i>		CBR	10	Eastern Idaho
<i>Lewiston</i>		VBR	5	North Idaho
<i>Pocatello</i>		CBR	10	Eastern Idaho
<i>Twin Falls</i>		CBR	10	Southern Idaho
Finance, Department of		VBR	1.5	Boise Metro
Fish and Game		CBR	4.5	Boise Metro
Health and Welfare, Department of				
<i>Coeur d'Alene - 1120 Ironwood</i>		VBR	14.75	North Idaho
<i>Coeur d'Alene - 1120 Ironwood</i>		CBR	1.5	North Idaho

<i>Coeur d'Alene Aging - 1221 Ironwood</i>		VBR	1.5	North Idaho
<i>Lewiston - 1118 F Street</i>		CBR	9.75	North Idaho
<i>Lewiston - 1118 F Street</i>		CBR	0.5	North Idaho
<i>Moscow - 1350 Troy Highway Suite 2</i>		VBR	1.5	North Idaho
<i>Orofino (SHN) - 300 Hospital Rd</i>		VBR	1.5	North Idaho
<i>Orofino (SHN) - 300 Hospital Rd</i>		VBR	1.5	North Idaho
<i>Nez Perce (Lewiston) Nimiipu Health - 111 Bever Grade Lapwai, ID</i>		VBR	1	North Idaho
Health District 1				
<i>Health District 1 - Coeur d'Alene</i>		VBR	1.5	North Idaho
<i>Health District 1 - Sandpoint</i>		VBR	1.5	North Idaho
Health District 2		VBR	1.5	North Idaho
Health District 3				
<i>Caldwell</i>		VBR	1.5	Boise Metro
<i>Nampa</i>		VBR	1.5	Boise Metro
Health District 4		CBR	1.5	Boise Metro
Health District 5		VBR	1.5	Eastern Idaho
Health District 6		VBR	1.5	Eastern Idaho
Health District 7		VBR	1.5	Eastern Idaho
Hispanic Affairs, Commission on	DSL	UBR	0.25	Boise Metro
Historical Society – Assay Office	DSL	UBR	1.5	Boise Metro
Historical Society – Storage Building	DSL	UBR	0.25	Boise Metro
Historical Society – Museum	DSL	UBR	1.5	Boise Metro
Historical Society – History Center	AT M	UBR	1.5	Boise Metro
Human Rights Commission (Owhyee Plaza)		UBR	1.5	Boise Metro
Insurance, Department of				
<i>DOI - Coeur d'Alene</i>		VBR	1.5	North Idaho
<i>DOI - Pocatello</i>		VBR	1.5	Eastern Idaho
Juvenile Corrections, Department of				
<i>CDA</i>		VBR	1.5	North Idaho
<i>Twin Falls</i>		VBR	1.5	Southern Idaho
Labor, Department of				
<i>Blackfoot - 34.HCGL.337784</i>		Access	1.5	Eastern Idaho
<i>Boise - IdaNet</i>		CBR	9.8	Boise Metro
<i>Boise (DDS) (IDHW circuit) - 34.YBGA.311890</i>		VBR	1.5	Boise Metro
<i>Boise (DDS) (Labor Circuit) - 61.HCFS.100410</i>		Access	1.5	Boise Metro
<i>Boise (SCO) - IdaNet</i>		CBR	0.25	Boise Metro
<i>Boise (Thomas Dev) - IdaNet</i>		Access	3.0	Boise Metro
<i>Bonnars Ferry - 13.HCFJ.003306</i>		CBR	1.5	North Idaho
<i>Burley - 34.HFGJ.000125</i>		Access	5.0	Eastern Idaho
<i>Caldwell - 34.HFGJ.000121</i>		Access	5.0	Boise Metro
<i>Coeur d'Alene - 13.HFFJ.001887</i>		CBR	5.5	North Idaho

<i>Emmett - 34.HCGJ.398898</i>		Access	1.5	Boise Metro
<i>Grangeville - 76.OBFJ66417</i>		CBR	1.5	North Idaho
<i>Hailey -</i>		Access	1.5	Eastern Idaho
<i>Idaho Falls - 30.HFFJ.192096</i>		Access	5.0	Eastern Idaho
<i>Kellogg - 13.HCFJ.003329</i>		CBR	1.5	North Idaho
<i>Lewiston - 76.HFFJ.02856</i>		CBR	5.0	North Idaho
<i>McCall -</i>		Access	1.5	North Idaho
<i>Meridian - 34.HFGJ.000111</i>		Access	5.0	Boise Metro
<i>- Moscow - 13.HCFJ.003309</i>		CBR	1.5	North Idaho
<i>Mountain Home - 34.HCGJ.001670</i>		Access	1.5	Boise Metro
<i>Orofino - 13.HCFJ.003326</i>		CBR	1.5	North Idaho
<i>Payette - 34.HCGJ.394270</i>		Access	1.5	Boise Metro
<i>Pocatello - 34.HFGJ.000120</i>		Access	5.0	Eastern Idaho
<i>Rexburg - 34.HCFJ.001981</i>		Access	1.5	Eastern Idaho
<i>Salmon -</i>		Access	1.5	Eastern Idaho
<i>Sandpoint - 13.HCFJ.003327</i>		CBR	1.5	North Idaho
<i>Soda Springs -</i>		Access	1.5	North Idaho
<i>St. Maries - 13.HCFJ.003328</i>		CBR	1.5	North Idaho
<i>Twin Falls - 34.HFGJ.000126</i>		Access	5.0	Southern Idaho
Labor, Department of for: Disability Determinations Services				
<i>Boise DDS - connection to IDHW</i>		VBR	1.5	Boise Metro
<i>Boise DDS - connection to Labor</i>		CBR	1.5	Boise Metro
Lewis-Clark State College		VBR	0.25	North Idaho
Library, Idaho State – Idaho Falls	DSL	UBR	1.5	Eastern Idaho
Liquor Dispensary, Idaho State				
<i>State Store 216 (Ammon ID)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 222 (1175 Parkway Dr Blackfoot)</i>	DSL	UBR	0.25	Eastern Idaho
<i>Boise HQ</i>	ISDL	VBR	1.5	Boise Metro
<i>Boise - Store Net</i>	ISDL	VBR	1.5	Boise Metro
<i>State Store 101 (1101 Grove, Boise)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 102 (1744 W. State St Boise)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 103 (5180 Overland, Boise)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 104 (6916 W State St Boise)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 107 (2150 Broadway, Boise)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 108 (3439 N Cole Rd, Boise)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 109 (10525 Overland Rd Boise)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 110 (2273 S. Vista Ave #130 Boise)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 112 (2448 S. Apple St Boise)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 114 (10356 Fairview Boise)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 400 (610 N Raymond St Boise)</i>	DSL	UBR	0.25	Boise Metro
<i>Liquor Store ART (817 N 20th St Boise)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 329 (6759 Main St Bonners Ferry)</i>	DSL	UBR	0.25	North Idaho

<i>State Store 221 (701 Overland Ave Burley)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 106 (918 Blain St Caldwell)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 136 (3110 Cleveland #J7 Caldwell)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 200 (825 Brundage Chubbuck)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 205 (4820 Yellowstone Chubbuck)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 302 (1201 E Sherman Ave CDA)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 305 (2611 N Government Way CDA)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 308 (3276 W Prairie Ave CDA)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 319 (1607 Northwest Blvd CDA)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 117 (174 W State St Eagle)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 119 (Eagle)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 125 (3210 E Chinden #134 Eagle)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 111 (4248 W Chinden Gdn Cty)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 210 (207 S Main Hailey)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 300 (1077 W Heron Ave Hayden)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 324 (9170 N Hess St #C Hayden)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 203 (2105 Niagara Dr Id Falls)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 206 (190 First St Idaho Falls)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 208 (1717 W Broadway Id Falls)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 220 (1104 S Lincoln St Jerome)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 323 (Kellogg)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 209 (360 Leadville Ave N Ketchum)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 129 (Kuna)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 301 (913 Main St Lewiston)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 321 (1022 Bryden Ave Lewiston)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 132 (44 E Fairview, Meridian)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 134 (450 S Meridian Rd, Meridian)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 303 (904 W. Pullman Rd, Moscow)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 309 (872 W Troy Hwy #110, Moscow)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 122 (275 E. 4th N Mtn Home)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 105 (205 Caldwell Blvd #7 Nampa)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 115 (1225 12th Ave Rs S Nampa)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 118 (16453 Marketplace Blvd Nampa)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 325 (235 Main St Orofino)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 123 (521 9th St Payette)</i>	DSL	UBR	0.25	Boise Metro
<i>State Store 202 (726 E Sherman Pocatello)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 204 (240 S Main Pocatello)</i>	DSL	UBR	0.25	Eastern Idaho

<i>State Store 212 (1319 Bench Rd Pocatello)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 304 (202 E Seltice Way Post Falls)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 306 (4010 E Seltice Way Post Falls)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 331 (1214 Albeni Hwy Priest River)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 322 (403 N Fourth Sandpoint)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 201 (1901 Kimberly Rd Twin Falls)</i>	DSL	UBR	0.25	Southern Idaho
<i>State Store 207 (1146 Filer Ave E Twin Falls)</i>	DSL	UBR	0.25	Southern Idaho
<i>State Store 214 (1239 Pole Line Rd #311C Twin Fls)</i>	DSL	UBR	0.25	Eastern Idaho
<i>State Store 326 (Wallace)</i>	DSL	UBR	0.25	North Idaho
<i>State Store 127 (270 E 7th St #B Weiser)</i>	DSL	UBR	0.25	Boise Metro
Lottery Commission		VBR	1.5	Boise Metro
Medicine, Board of	DSL	UBR	1.5	Boise Metro
Nursing, Board of	DSL	UBR	0.75	Boise Metro
Occupational Licensing, Bureau of (Owhyee Plaza)		UBR	3	Boise Metro
Outfitters and Guides Licensing Board	PtoP	UBR	1.5	Boise Metro
Parks and Recreation		UBR	1.5	Boise Metro
Pharmacy, Board of	DSL	UBR	1.5	Boise Metro
Public Works – Facility Services – for Idaho Falls	DSL	UBR	1.5	Eastern Idaho
Public Works – Design & Construction – for Lewiston	DSL	UBR	1.5	North Idaho
Public Works – Design & Construction – for Moscow	DSL	UBR	0.25	North Idaho
Public Works – Design & Construction – for Pocatello	DSL	UBR	0.25	Eastern Idaho
Real Estate Commission	DSL	UBR	1	Boise Metro
Snake River Basin Adjudication	AT M	VBR	1.5	Eastern Idaho
Species Conservation, Office of	DSL	UBR	1.5	Boise Metro
State Bar, Idaho		VBR	1.5	Boise Metro
State Independent Living Council	DSL	UBR	1.5	Boise Metro
Tax Appeals, Board of	DSL	UBR	1.5	Boise Metro
Tax Commission				
<i>Tax - Coeur d'Alene Office</i>		VBR	1.5	North Idaho
<i>Tax - Lewiston Office</i>		VBR	1.5	North Idaho
<i>Tax - Twin Falls Office</i>		UBR	1.5	Southern Idaho
Veterans Services				
<i>Veterans Services HQ - Collins St Boise</i>		UBR	3	Boise Metro
<i>Lewiston Veteran's Home - Lewiston</i>		UBR	1.5	North Idaho
Vocational Rehabilitation, Division of (modified pricing)				
<i>Boise - 39.YHFJ.001829</i>		CBR	3	Boise Metro
<i>Boise - 39.YHFJ.001829</i>		UBR	0.5	Boise Metro
<i>Boise - 39.YHFJ.001832</i>		CBR	0.5	Boise Metro

<i>Boise - 39.YHFJ.001832</i>	UBR	3	Boise Metro
<i>Caldwell - 39.YHFJ.001830</i>	CBR	0.5	Boise Metro
<i>Caldwell - 39.YHFJ.001830</i>	UBR	3	Boise Metro
<i>Coeur d'Alene Office #110</i>	UBR	3	North Idaho
<i>Coeur d'Alene Office #110</i>	VBR	0.5	North Idaho
<i>CDA Mental Health #130</i>	UBR	0.75	North Idaho
<i>CDA SWT #140</i>	UBR	0.75	North Idaho
<i>Idaho Falls - 39.YHFJ.001833</i>	CBR	0.5	Eastern Idaho
<i>Idaho Falls - 39.YHFJ.001833</i>	UBR	3	Eastern Idaho
<i>Lewiston Office #210</i>	CBR	0.5	Boise Metro
<i>Lewiston Office #210</i>	UBR	3	North Idaho
<i>Moscow VR #230</i>	CBR	0.75	North Idaho
<i>Moscow (UofI)</i>	UBR	0.75	North Idaho
<i>Orofino #220</i>	UBR	0.75	North Idaho
<i>Pocatello - 39.YHFJ.001831</i>	CBR	0.5	Eastern Idaho
<i>Pocatello - 39.YHFJ.001831</i>	UBR	3	Eastern Idaho
<i>Sandpoint VR # 120</i>	UBR	0.75	North Idaho
<i>Sandpoint SWT #150</i>	UBR	0.75	North Idaho
<i>Twin Falls - 39.YHFJ.001828</i>	CBR	0.5	Southern Idaho
<i>Twin Falls - 39.YHFJ.001828</i>	UBR	3	Southern Idaho
Water Resources, Department of			
<i>Boise</i>	VBR	4.5	Boise Metro
<i>CDA</i>	VBR	1.5	North Idaho
<i>Boise Airport</i>	MAC	1.5	Boise Metro
<i>Idaho Falls</i>	MAC	1.5	Eastern Idaho
<i>Twin Falls</i>	MAC	1.5	Southern Idaho
<i>Soda Springs</i>	VBR	1.5	Eastern Idaho

