

1/7/2019

Blaine County School District #61

**Category 1: Wide Area Network
RFP – BCSD Network Service**



Nate Bondelid, President
TEK-HUT, INC.



As a certified telecommunications provider, and a leading provider of E-Rate eligible educational services, Tek-Hut appreciates the opportunity to provide you an intelligent, scalable, high-speed Wide Area Network. This solution is designed with Education in mind, understanding that the importance of connectivity in our schools today is vital. Today, Tek-Hut is delivering more than 25Gbps of Dedicated Internet Access to more than 55 Idaho School Districts and has built or is serving more than 18 school districts Wide Area Networks.

The proposed solution will provide the Blaine County School District the most cost-effective and long term solution to meet the demands of today, and support the growth of tomorrow. With more dynamic content being presented from the internet, and BYOD – 1:1 initiatives, reliable Network Access has become a requirement for schools. Having a partner committed to technology in education gives you all the reward, and eliminates any risk associated with the so called “bleeding edge”.

As you read through our response we will demonstrate our commitment to education, technology, and similar experiences proving to you a track record of excellence in educational technology. We guide your district through the maze of technology, ultimately supporting thousands of students and teachers ensuring the technology works for them. The response to this RFP will provide a turn-key “unplug / plug” managed wide area network, including all equipment necessary for this service. The district will have a scalable solution, with the ability for increased bandwidth, as necessary, on a site by site basis, and a network that is fast and always on. This reliable service will allow the District to focus on education, instead of worrying if the Internet Access or network is up.

In summary, Tek-Hut, Inc. has experience, integrity, and is committed to building a long term relationship with your district. Tek-Hut was founded in 2001, works today with over 216 different school districts in four states, employees 50 talented individuals, and does business with the FCC and USAC on a regular basis. The following response will demonstrate our passion for customer service, technology in education, and successful experiences to solidify our response.

Tek-Hut, Inc has an “unlimited” class Public works license.

Yours truly,

Nate Bondelid
President
Tek-Hut, Inc
nate@tek-hut.com
+1(208)733-6283

SPIN : 143025617



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| | |
|------------------------------|--|
| Name of Vendor: | TEK-HUT,INC. |
| Street Address: | 460 Main Ave S |
| City, State and Zip: | Twin Falls, ID 83301 |
| Contact Person: | NATE BONDELID |
| Contact Person Title: | PRESIDENT |
| Contact Email: | nate@tek-hut.com |
| Contact Phone: | +1(208)735-5159 |
| SPIN Number: | 143025617 |

RFP Question: Description of Proposal & Agency Background

Proposer will provide a description of their proposal for all services and solutions.

Description will include an overview of the proposal, any deviations from the requested architecture, design or requirements, assumptions made, and other detail District may find useful or necessary (or could differentiate the solution from a competing proposal).

Tek-Hut,Inc. has the staff and resources to deliver a turn-key fiber based Wide Area Network. Between 50 highly qualified individuals, Tek-Hut,Inc. has been able to design, deliver, and support more than 18 Wide Area Networks in the past 4 years.

This Project will be managed by Nate Bondelid. Nate Bondelid has overseen each of the 55 school district's being provided network services by Tek-Hut,Inc. Updates can be provided to the district on a weekly or daily schedule if necessary. Tek-Hut,Inc. understands this network will be funded with E-Rate and has very specific rules and requirements. The lit service will provide a scalable low latency solution allowing for layer 2 or layer 3 services. At Layer 2, Tek-Hut will pass all vlans and tags from end to end. At Layer 3, Tek-Hut can manage any QoS settings the district may request. As an alternative to lit service, Tek-Hut,Inc. is providing dark fiber, and an IRU option. This proposal also includes Internet Access and hardware as requested.

This project will meet E-Rate Special construction rules and will provide the most robust and long-term solution.

- Internet Access
 - Tek-Hut,Inc. is the largest K-12 Internet Service Provider in the State of Idaho. Tek-Hut,Inc. is currently serving more than 100,000 students and more than 55 Educational entities. Tek-Hut,Inc. currently has (2) diverse Tier 1 providers running full BGP across the entire network, and a direct peering relationship with providers such as Google and Microsoft. The peering relationship is less than 15ms of latency, and 1 hop away from the Tek-Hut core network.
- Lit Fiber Service
 - Tek-Hut,Inc. lit fiber service, would be all new construction, and will allow for the most robust cost effective long term lit solution.



- Dark Fiber Service
 - Tek-Hut, Inc. dark fiber service would be all new construction, and would include (4) single mode strands from each building requested on the spread sheet, back to the district aggregation location. The dark fiber service includes all maintenance and support on the dark network. Speeds would only be limited by the optics they are plugged in with.

- IRU
 - Tek-Hut, Inc. dark fiber IRU service would be all new construction, and would include (4) single mode strands from each building requested on the spread sheet, back to the district aggregation location. The dark fiber service includes all maintenance and support on the dark network. Speeds would only be limited by the optics they are plugged in with.

- Network Equipment
 - i) Tek-Hut, Inc. is purposing an alternative to Cisco equipment requested. Each component exceeds the technical specifications of the requested gear. In the past 4 years, Tek-Hut, Inc. has migrated more than 40 school districts away from the high costs of Cisco equipment. The largest district in the State of Idaho to move was Boise Independent School District. The network equipment proposal includes onsite training and local vendor support for 1 year.

Juniper EX-4600



The EX4600 Ethernet Switch offers a compact, highly scalable, high-performance 10GbE solution for enterprise campus distribution deployments as well as low-density data center top-of-rack environments.

Designed to help organizations grow into higher density campuses, the EX4600 provides deployment flexibility, high availability using unified in-service software upgrades (unified ISSU), and management simplification with support for multichassis link aggregation (MC-LAG). The highly flexible, high-density EX4600 supports up to 40 1GbE ports, 72 10GbE ports, or 12 40GbE ports through installable modules, delivering 1.44 Tbps of Layer 2 and Layer 3 connectivity in a single rack unit.



Juniper MX150



The compact MX150 Universal Routing Platform is a high-performance, feature-rich 20 Gbps edge router that is ideally suited for lower bandwidth service provider applications and distributed service architectures, and for enterprise WAN uses. With support for an outstanding mix of 10/100/1000 and 10GbE interfaces and a variety of integrated services, including IPsec, all in a single rack unit (1 U), the MX150 helps conserve precious space resources and contain costs associated with power and cooling.



I. Service Level

RFP Question: Service Level Agreement

Proposer will provide a proposed Service Level Agreement (SLA) with the RFP response. The proposal must include a description of the following services and how these services will be measured.

SERVICE LEVEL AGREEMENT (“SLA”)

The following terms and conditions will apply to the service level agreement. In the event we fail to meet the levels defined in Service Level Agreement for a minimum of two (2) consecutive months, you must notify us in writing of any violations and allow us thirty (30) days from notification to cure the breach. If still unresolved, you may immediately terminate the Service giving rise to such breach without additional notification or incurring early termination fees within thirty (30) days of our failure to cure.

1. SERVICE HOURS OF OPERATION. We maintain Security Operations, Network Operations, and Technical Support Departments that operate on a 24 x 7 x 365 basis. You may reach an individual in each of these departments by calling the appropriate support service. All other departments operate on a normal 8 x 5 business week.

2. RESPONSE TIME. In the event of an unplanned outage, your primary contact will receive a phone call within 30 minutes; followed by 15 minute updates until the problem is resolved. These commitments are subject to your providing us accurate and current contact information for your designated points of contact.

Our failure to respond in accordance with the parameters defined herein will entitle you to receive, as your sole remedy and our sole obligation, the credits described in Section 6 below, *provided however*, that you may obtain no more than one credit per day, regardless of how often in that day we failed to meet these parameters.

2.1. Security and Network Operations Events. We classify all events as high, medium, or low level. We will identify or begin analysis of high level events within fifteen (15) minutes, medium level events within one (1) hour, and low level events within twenty-four (24) hours of occurrence. Failure to respond in accordance with these guidelines will entitle you to a one-day Tier 1 credit for high level events or one-day Tier 2 credit for medium and low level events.

2.2. Customer Initiated Requests. We will make commercially reasonable efforts to begin implementation of changes you request to your service or equipment within twenty-four (24) hours of receipt of the appropriate change control form, *provided however* that changes will generally be accomplished during non-business hours. Failure to respond in accordance with these guidelines will entitle you to a one day Tier 2 credit.

3. SERVICE AVAILABILITY GUARANTEE. Our commitment is to have the Services available 99.99% of the time and as set forth below. At your request, we will calculate the number of minutes the Service(s) were not available to you in a calendar month (“**Service Unavailability**”). Service Unavailability will not include unavailability continuing for an hour or less or any unavailability that you fail to report to us within five (5) days. Failure to meet the service level described in this Section 4 will entitle you to receive a Tier 1 credit.

3.1 Frame / Network Packet Loss. Circuit is guaranteed at 0% packet loss up to committed port speed.

3.2 Network Latency. Circuit is guaranteed with < 1ms latency.



3.3 Network Jitter. Circuit is guaranteed with < 1ms jitter.

4. MAINTENANCE. We implement a set of standard service windows used as part of our ongoing maintenance requirements.

We reserve the following weekly service windows during which you may experience periodic service outages: (i) Tuesday and Thursday (12 AM – 5 AM MST) (ii) Saturday (12 AM – 5 AM MST)

In the event we must perform maintenance during a time other than the service windows provided above, we will provide notification prior to performing the maintenance.

5. CREDIT REQUEST AND PAYMENT PROCEDURES. For failures to meet the commitments provided herein in a calendar month, you will be entitled to receive a credit as specified below:

(i) **Tier 1.** Equal to twice the pro rated portion of the Monthly Service Fee for the affected service; or

(ii) **Tier 2.** Equal to the pro rated portion of the Monthly Service Fee for the affected service; *provided however* that a breach of this SLA due to circumstances described in Section 6 below will not qualify for such credits. In order to receive a credit under this SLA, you must be current with your billing at the time of the service failure. In addition, all credit requests must be submitted in writing, either through our ticketing system, via email or fax, or by certified U.S. mail, postage prepaid.

You must submit each request for credit within seven (7) days of the occurrence giving rise to the credit claim. The total credit amount entitled to you in any calendar month will not exceed, in the aggregate, half of the total fees invoiced to you for the Services for which a claim is made in the applicable month. (Credits are exclusive of any applicable taxes charged to you or collected by us.)

6. EXCEPTIONS. You will not receive any credits under this SLA in connection with any failure or deficiency of the Services or a failure to meet an SLA that is caused by or associated with any of the following:

(i) Maintenance, as defined above;

(ii) Fiber cuts or other such issues related to telephone company circuits or local ISP outside of our control;

(iii) Your applications, equipment, or facilities;

(iv) Acts or omissions by you, or any use or user of the service authorized by you;

(v) Reasons of Force Majeure;

(vi) Any act or omission on the part of any third party, not reasonably within our control;

(vii) First month of service for the specific services for which a credit is claimed;

(viii) Power is required for all Ethernet equipment and service;

7. MTBF. Each component associated with this service has a different Mean Time Between Failure, and is based on specific conditions.

Some general equipment associated with this service are listed below.

Switch – 37 years

8. Monitoring. All Equipment is monitored every 60 seconds, and reported on 24 hours a day, 7 days per week.



9. Reporting. Customers are given a login to a portal. Through the portal, reports can be generated on utilization and response times.

10. Dispatch. Minimum response time to dispatch is 30 minutes. With travel time, it may take up to one hour to arrive on site.

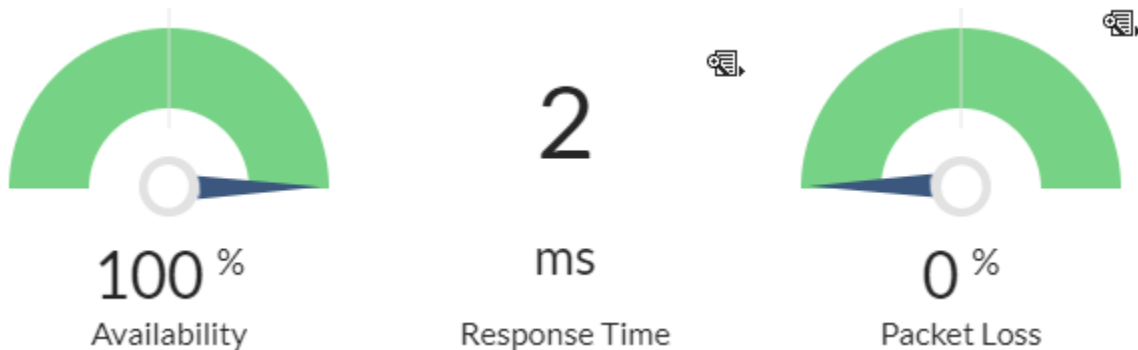
11. Mean Time to Repair. 60 minutes (all equipment utilized will have a hot spare on shelf with in the state)

12. Dedicated. Dedicated access is not over subscribed or throttled, a lit fiber or dark fiber service is considered a dedicated service.

RFP Question: SLA

Fiber Network Availability: the provider will make all reasonable efforts to ensure 99.99% network availability of each circuit.

Tek-Hut, Inc. monitors all circuits 24 hours per day, 7 days per week via SNMP. If the network becomes unavailable for any reason, technicians will be dispatched to diagnose and repair the service. An example of monitoring is shown below.



RFP Question: SLA

.25% frame/packet loss commitment

Tek-Hut, Inc. acknowledges and agrees to provide less than .25% frame/packet loss. The circuit should be at 0% packet loss.

RFP Question: SLA

25ms network latency commitment

Tek-Hut, Inc. acknowledges and agrees to provide less than 3ms network latency.



RFP Question: SLA

There is no right of service provider to limit or throttle the capacity of the circuit at any time for any reason

Tek-Hut, Inc. acknowledges and agrees to not limit or throttle the capacity of the circuit for any reason. The circuit will be guaranteed at the speed purchased.

RFP Question: SLA

Provider stated commitment is to respond to any outage within 2 hours and a 4 hour restoration of service.

Tek-Hut, Inc. acknowledges and agrees to respond to any outage within 2 hours and a 4 hour restoration of service.

RFP Question: SLA

Network operations center: Solution will provide customer support functions including problem tracking, resolution and escalation support management on a 24x7x365 basis. District has the right and is encouraged to call concerning any problems that may arise relative to its connection with provided services.

Tek-Hut, Inc. acknowledges and agrees to provide service 24x7x365. Any issues may be addressed via, phone call, email, SMS or on a webpage.

RFP Question: SLA

Trouble reporting and response: Upon interruption, degradation, or loss of service, District may contact service provider by defined method with a response based on trouble level. Upon contact from the District, the provider support team will initiate an immediate response to resolve any District issue. District will receive rapid feedback on trouble resolution, including potential resolution time.

Tek-Hut, Inc. acknowledges and agrees to provide service 24x7x365. Any issues may be addressed via, phone call, email, SMS or on a webpage.

RFP Question: SLA

Escalation: In the event that service has not been restored in a timely manner, or the District does not feel that adequate attention has been allocated, the District can escalate the trouble resolution by request. A list of escalation contacts will be provided when implementation schedule is completed.

Tek-Hut, Inc. acknowledges and agrees to provide a list of escalation contacts for the District when implementation schedule is completed.

RFP Question: SLA

Resolution: The District will be notified immediately once the problem is resolved and will be asked for verbal closure of the incident.

Tek-Hut, Inc. acknowledges and agrees to this requirement.



RFP Question: SLA

Trouble reporting, escalation and resolution: A detail trouble reporting, escalation and resolution plan will be provided to the District.

Tek-Hut, Inc. complies with this requirement.

1. When a problem is detected or the Customer calls or advises of a problem, a support representative will open a ticket. The support representative will then transfer the call and ticket to an Engineer.
2. If the engineer deems the problem is something physical, a field technician will then be deployed on site. All problems and time of call will be documented with-in the ticket.
3. When the problem is resolved, the ticket will be closed and the customer will confirm the resolution.

If at any time the customer feels the problem is not being properly addressed, they can ask to escalate the problem.

Tek-Hut also has a customer facing portal. A customer can open or close their own tickets.

RFP Question: SLA

Measurement: Time starts from the time the District contacts provider and identifies the problem. Credits for outages of a certain duration or longer will be identified.

Tek-Hut, Inc. acknowledges and agrees to the measurement will start when the District contacts provider and identifies the problem. Credits for outages will be identified in SLA.

RFP Question: SLA

Reports: Upon request, an incident report will be made available to the District within 5 working days of resolution of the trouble.

Tek-Hut, Inc. acknowledges and agrees to this requirement.

RFP Question: SLA

Link performance per segment: The service will maintain the proposed link performance throughout the term of the contract.

Tek-Hut, Inc. acknowledges and agrees to this requirement.

RFP Question: SLA

Historical uptime: Provide aggregate uptime statistics for your proposed service in the geographic area encompassing District.

The closest wide area network is Cassia School District, in Idaho. Screenshot of core below.



100%
Availability

003

ms
Response Time



0%
Packet Loss



II. Timeline

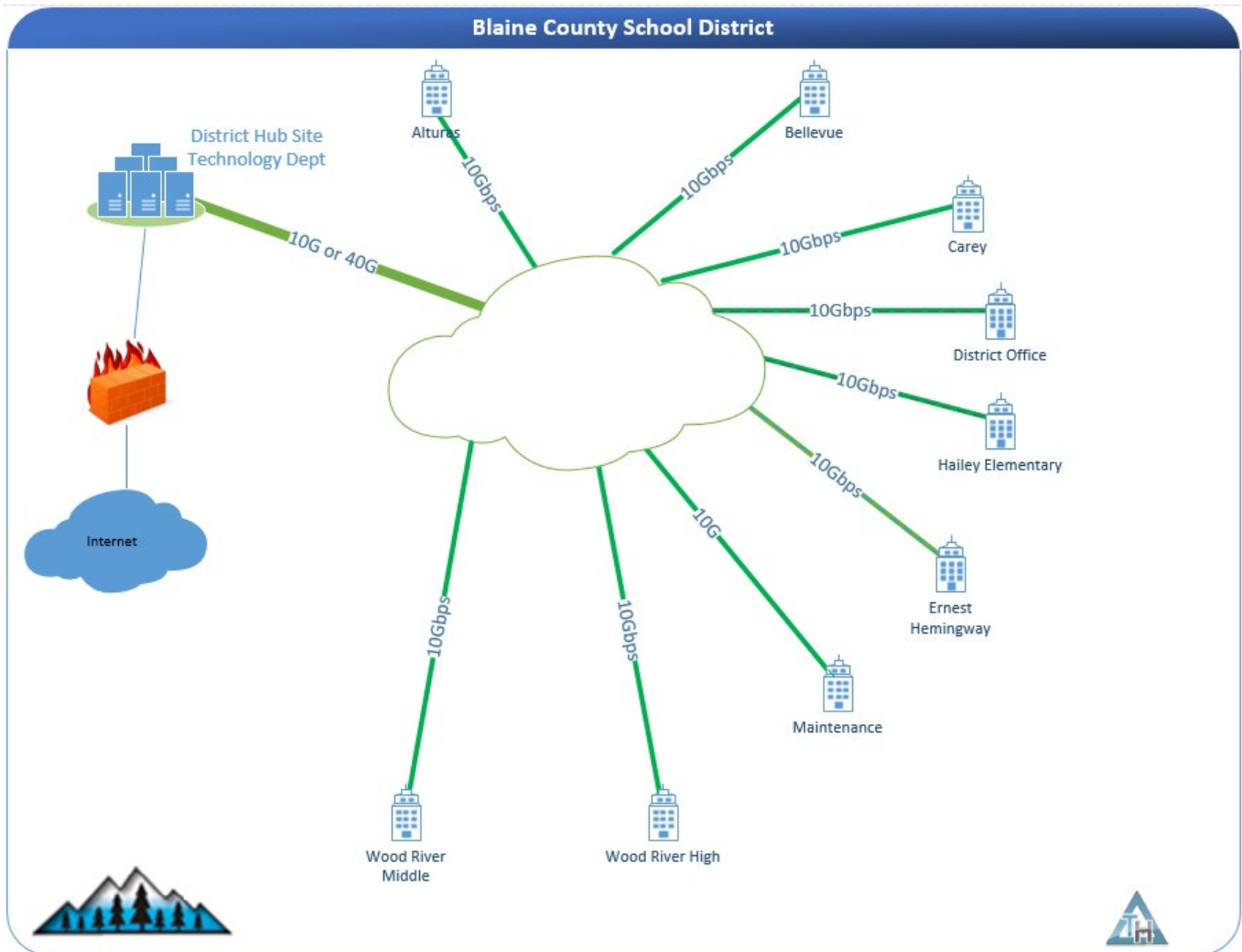
| RFP Question: <u>Timeline</u> |
|---|
| <p>For each response, Proposers must include a timeline for all bringing all sites online. Proposers requiring little to no special construction should be able to bring all sites online by the July 1 start of the funding year. For solutions requiring special construction, a schedule of bringing the service online must be included with an explanation of how this timeline shifts if the date of the E-rate funding commitment shifts.</p> |
| <p>Tek-Hut, Inc. has successfully delivered more than 7 special construction E-Rate projects in Idaho. Typical time frame from funding to completion is ~ 12 months.</p> <p>2/15/19 – Contract Signed 12/1/19 – Estimated FCDL issued 2/1 – Design and Permitting 3/1 – Construction starts 3/30 – District Hub Site 4/30 – Alturas complete 5/15 – Wood River MS / HS complete 6/15 – Maintenance Complete 6/20 – Hailey ELEM complete 6/30 – District Office complete 8/30 – Hemingway complete 9/15 – Bellevue Elementary complete 12/1 – Carey High School complete</p> |

III. Demarc

| RFP Question: <u>Demarcation Point</u> |
|--|
| <p>All solutions must terminate service or infrastructure in the demarcation point at the addresses specified in this RFP. Solutions bringing service to the property line but not to the demarcation point will be rejected. Proposer must specify specific demarcation setup included in base fees and handoff medium (e.g. mounted CPE and CAT6a handoff, rack mount patch panel, single mode fiber, etc.).</p> |
| <p>Tek-Hut, Inc. will bring the service to the demarcation point the District chooses in the building specified in the RFP. If mounted in customer rack, 2U or space will be required, with 110AC (2) amps of power. If customer would like equipment wall mounted, an area of 2ftx4ft would be required. Customer hand-off of can be Copper, Single-Mode or Multi-Mode Fiber.</p> |



IV. Network Diagram



Above is a logical view of the lit network service. On a Dark or IRU solution, each building listed on the spreadsheet will have (4) strands directly connecting the aggregation unit totaling (36). No third-party facilities will be used in the above Wide Area Network.



V. Sample Contract

| |
|--|
| RFP Question: <u>Sample Contract</u> |
| Proposer shall submit a sample Contract for District review. |
| Sample contract Below |

THIS AGREEMENT is made and entered by and between **Tek-Hut, Inc.** an Idaho corporation ("Provider") and School District, ("Customer").

RECITALS

WHEREAS, Provider is in the business of providing Managed Wide Area Network Services ("WAN Services"); and

WHEREAS, Customer desires to enter into an agreement whereby Provider will provide Managed Wide Area Network Service.

NOW, THEREFORE, for and in consideration of the mutual promises and covenants herein contained, the parties, for themselves, their successors and assigns, do hereby agree as follows:

1. Scope of the Work. Provider shall provide WAN Services to Customer at locations defined in "Service Order Exhibit A". Provider will provide a 10/100/1000 or 10Gbps Ethernet router with customer uplink ports to utilize the WAN Services.
 - a. The WAN Services will be ethernet based and built out to each building in Exhibit A.

2. Contract Price. Customer agrees price will be expressed as an upfront Special Construction cost and a monthly service fee, for the Services and shall be set forth in the applicable Service Order Exhibit. The sum of the attached service order is \$_____ per month for a period of 60 months and a Special Construction cost of \$_____, for a total contract price of \$_____ ("Contract Price").
 - a. All charges shall be payable monthly within 30 days of receipt of an undisputed invoice by Customer.

3. Term of Contract. The term of this contract shall be for an initial period of 60 consecutive months, commencing after a FCDL is issued from USAC, and continuing until the 60th month, at which time this contract shall expire. Upon expiration of the Term, this Agreement shall be optionally renewed for an additional (5) 36 month periods of time on the terms and conditions identical to those defined in this agreement unless customer provides written notice no later than 90 days prior to contract expiration.



4. Termination. Customer understands and agrees that Provider has and will continue to incur certain costs and/or expenses related to the Managed Wide Area Network to be provided to it by Provider pursuant to this Agreement, even should the Customer discontinue use of said WAN or elect to terminate this Agreement prior to its expiration. Therefore, in the event Customer elects to terminate this Agreement prior to 60 months of service, it agrees to pay to Provider the sum of 100% of the balance due and owing pursuant to paragraph 2 above at the time of termination. This contract is contingent upon USAC funding.
5. Bandwidth. Bandwidth will be provided via Ethernet Copper or Optical Hand-off, and speeds are defined in attached Service Order Exhibit A.
6. Special Construction Cost - Construction cost of \$_____. The construction includes all labor and material for the said Scope of Work.
7. Responsibility of Tek-Hut. In addition to the responsibilities of Tek-Hut as identified herein, Tek-Hut shall provide:
 - a. Internal Routing and QoS(Quality of Service);
 - b. Support on edge routing infrastructure;
 - c. Monitoring of Customer's network traffic; This includes the ability for customer to access real-time network traffic statistics for Wide Area Network.
 - d. Customer notification of outages; Unexpected outage notifications will be within 15 minutes and expected outage notifications will have 48 hour notice.
8. Responsibility of Customer. In addition to Customer responsibilities identified herein, the Customer shall provide or be responsible for:
 - a. any equipment and/or labor necessary for the configuration of the equipment and hardware necessary to utilize the Wide Area Network Services, as well as any costs, charges or fees associated therewith;
9. Outages. Provider shall not be responsible for any cost and/or expenses incurred by the Customer as a result of an outage or failure of the Managed Wide Area Network to be provided by Provider.
10. Binding Effect. The provisions of this contract shall be binding upon and inure to the benefit of the heirs, successors, personal representatives, and assigns of the parties hereto.



- 11. Attorney's Fees. If a suit, action or proceeding is instituted to enforce any of the terms of this contract, the prevailing party shall be entitled to recover all costs and attorney's fees from the non-prevailing party.
- 12. Venue. The venue of any action arising out of the execution or breach of this contract shall be in the District Court of Twin Falls County, Idaho.

13. Bandwidth. Sites may upgrade or add bandwidth during the term of this agreement at the rates listed below:

| Bandwidth | Price |
|-----------|-------|
| 1Gbps | \$ |
| 10Gbps | \$ |

IN WITNESS WHEREOF, the parties have hereunto set their hands the day and year first above written.

"PROVIDER"
Tek-Hut, Inc

"CUSTOMER"
School District #

By: _____

By: _____

Date: _____

Date: _____



Service Order Exhibit A
Site-Specific Information

1. Site Name: School
Order Type (New, Renew, Change): NEW
Service Location: Address
Bandwidth: Gbps
Monthly rate: \$
Special Construction Charge: \$
Service: Managed Wide Area Network

2. Site Name: School
Order Type (New, Renew, Change): NEW
Service Location: Address
Bandwidth: Gbps
Monthly rate: \$
Special Construction Charge: \$
Service: Managed Wide Area Network

3. Site Name: School
Order Type (New, Renew, Change): NEW
Service Location: Address
Bandwidth: Gbps
Monthly rate: \$
Special Construction Charge: \$
Service: Managed Wide Area Network



VI. References

RFP Question: References

Provide 3 references from current or former customers (preferably K-12) for similar projects performed for any clients within the last 5 years. References must be able to verify the quality of previous, related work.

District may check to determine if references provided support Proposer’s ability to comply with the requirements of this RFP. District may use references to obtain additional information, or verify any information needed. District may contact any reference (submitted or not) to verify Proposer’s qualifications.

Proposer shall submit reference names and contact information.

| | |
|--------------|-------------------------------|
| Customer | Middleton School District |
| Contact Name | Mike Cozakos |
| Email | mcozakos@msd134.org |
| Phone | 208-585-3027 |
| | |
| Customer | Mountain Home School District |
| Contact Name | William Goodman |
| Email | Goodman_wa@mtnhomesd.org |
| Phone | 208-587-2580 |
| | |
| Customer | Vallivue School District |
| Contact Name | Joe Christensen |
| Email | joe.christensen@vallivue.org |
| Phone | 208-454-0445 |
| | |
| Customer | Cassia County School District |
| Contact Name | Rodney Lind |
| Email | linrodne@cassiaschools.org |
| Phone | (208) 878-6610 ext 126 |

The above list are customers with both Wide Area Networks and Internet Access.

At this time, the only dark customer Tek-Hut, Inc. has is Twin Falls School District. This project is not completed yet.



VII. Cost Proposal Form

| 1 Gbps Lit | | | | | |
|-------------------------------|--|------------|-------------|-------------|------------------|
| Building | Address | Lit Leased | 1 Year MRC | 5 Year MRC | NRC |
| Alturas Elementary School | 1111 Alturas Elem Ln Hailey, ID 83333 | 1 Gpbs | 800 | 650 | 262,500 |
| Bellevue Elementary School | 305 N. 5th St. Bellevue, ID 83313 | 1 Gpbs | 800 | 650 | 262,500 |
| Carey Public School | 20 Panther Lane Carey, ID 83320 | 1 Gpbs | 800 | 650 | 262,500 |
| District Office | 118 West Bullion Hailey, ID 83333 | 1 Gpbs | 800 | 650 | 262,500 |
| Hailey Elementary School | 520 So 1st Ave Hailey, ID 83333 | 1 Gpbs | 800 | 650 | 262,500 |
| Ernest Hemingway STEAM School | 111 8th St W Ketchum, ID 83340 | 1 Gpbs | 800 | 650 | 262,500 |
| Maintenance Building | 1630 Aviation Drive Hailey, ID 83333 | 1 Gpbs | 800 | 650 | 262,500 |
| Technology Department | 719 Third Ave So Hailey, ID 83333 | 2 Gpbs | 800 | 650 | 262,500 |
| Wood River High School | 1250 Fox Acres Rd Hailey, ID 83333 | 1 Gpbs | 800 | 650 | 262,500 |
| Wood River Middle School | 900 2nd Ave No Hailey, ID 83333 | 1 Gpbs | 800 | 650 | 262,500 |
| Total | | | 8000 | 6500 | 2,625,000 |



| 2 Gbps Lit | | | | | |
|-------------------------------|--|-------------------|-------------|-------------|------------------|
| Building | Address | Lit Leased 2 Gbps | 1 Year MRC | 5 Year MRC | NRC |
| Alturas Elementary School | 1111 Alturas Elem Ln Hailey, ID 83333 | 2 Gpbs | 800 | 650 | 262,500 |
| Bellevue Elementary School | 305 N. 5th St. Bellevue, ID 83313 | 2 Gpbs | 800 | 650 | 262,500 |
| Carey Public School | 20 Panther Lane Carey, ID 83320 | 2 Gpbs | 800 | 650 | 262,500 |
| District Office | 118 West Bullion Hailey, ID 83333 | 2 Gpbs | 800 | 650 | 262,500 |
| Hailey Elementary School | 520 So 1st Ave Hailey, ID 83333 | 2 Gpbs | 800 | 650 | 262,500 |
| Ernest Hemingway STEAM School | 111 8th St W Ketchum, ID 83340 | 2 Gpbs | 800 | 650 | 262,500 |
| Maintenance Building | 1630 Aviation Drive Hailey, ID 83333 | 2 Gpbs | 800 | 650 | 262,500 |
| Technology Department | 719 Third Ave So Hailey, ID 83333 | 2 Gpbs | 800 | 650 | 262,500 |
| Wood River High School | 1250 Fox Acres Rd Hailey, ID 83333 | 2 Gpbs | 800 | 650 | 262,500 |
| Wood River Middle School | 900 2nd Ave No Hailey, ID 83333 | 2 Gpbs | 800 | 650 | 262,500 |
| Total | | | 8000 | 6500 | 2,625,000 |



| 5 Gbps Lit | | | | | |
|-------------------------------|--|-------------------|-------------|-------------|----------------|
| Building | Address | Lit Leased 5 Gbps | 1 Year MRC | 5 Year MRC | NRC |
| Alturas Elementary School | 1111 Alturas Elem Ln Hailey, ID 83333 | 5 Gpbs | 800 | 650 | 262,500 |
| Bellevue Elementary School | 305 N. 5th St. Bellevue, ID 83313 | 5 Gpbs | 800 | 650 | 262,500 |
| Carey Public School | 20 Panther Lane Carey, ID 83320 | 5 Gpbs | 800 | 650 | 262,500 |
| District Office | 118 West Bullion Hailey, ID 83333 | 5 Gpbs | 800 | 650 | 262,500 |
| Hailey Elementary School | 520 So 1st Ave Hailey, ID 83333 | 5 Gpbs | 800 | 650 | 262,500 |
| Ernest Hemingway STEAM School | 111 8th St W Ketchum, ID 83340 | 5 Gpbs | 800 | 650 | 262,500 |
| Maintenance Building | 1630 Aviation Drive Hailey, ID 83333 | 5 Gpbs | 800 | 650 | 262,500 |
| Technology Department | 719 Third Ave So Hailey, ID 83333 | 5 Gpbs | 800 | 650 | 262,500 |
| Wood River High School | 1250 Fox Acres Rd Hailey, ID 83333 | 5 Gpbs | 800 | 650 | 262,500 |
| Wood River Middle School | 900 2nd Ave No Hailey, ID 83333 | 5 Gpbs | 800 | 650 | 262,500 |
| Total | | | 8000 | 6500 | 2625000 |



10 Gbps Lit

| Building | Address | Lit Leased 10 Gbps | 1 Year MRC | 5 Year MRC | NRC |
|-------------------------------|--|--------------------|-------------|-------------|----------------|
| Alturas Elementary School | 1111 Alturas Elem Ln Hailey, ID 83333 | 10 Gpbs | 800 | 650 | 262,500 |
| Bellevue Elementary School | 305 N. 5th St. Bellevue, ID 83313 | 10 Gpbs | 800 | 650 | 262,500 |
| Carey Public School | 20 Panther Lane Carey, ID 83320 | 10 Gpbs | 800 | 650 | 262,500 |
| District Office | 118 West Bullion Hailey, ID 83333 | 10 Gpbs | 800 | 650 | 262,500 |
| Hailey Elementary School | 520 So 1st Ave Hailey, ID 83333 | 10 Gpbs | 800 | 650 | 262,500 |
| Ernest Hemingway STEAM School | 111 8th St W Ketchum, ID 83340 | 10 Gpbs | 800 | 650 | 262,500 |
| Maintenance Building | 1630 Aviation Drive Hailey, ID 83333 | 10 Gpbs | 800 | 650 | 262,500 |
| Technology Department | 719 Third Ave So Hailey, ID 83333 | 10 Gpbs | 800 | 650 | 262,500 |
| Wood River High School | 1250 Fox Acres Rd Hailey, ID 83333 | 10 Gpbs | 800 | 650 | 262,500 |
| Wood River Middle School | 900 2nd Ave No Hailey, ID 83333 | 10 Gpbs | 800 | 650 | 262,500 |
| Total | | | 8000 | 6500 | 2625000 |



| Leased Dark Fiber | | | | | | |
|-------------------------------|--|-------------|-------------|-----------------|--------------------------|--|
| Building | Address | 5 Year MRC | 10 Year MRC | Maintenance MRC | NRC Special Construction | |
| Alturas Elementary School | 1111 Alturas Elem Ln Hailey, ID 83333 | 400 | 350 | 100 | 262,500 | |
| Bellevue Elementary School | 305 N. 5th St. Bellevue, ID 83313 | 400 | 350 | 100 | 262,500 | |
| Carey Public School | 20 Panther Lane Carey, ID 83320 | 400 | 350 | 100 | 262,500 | |
| District Office | 118 West Bullion Hailey, ID 83333 | 400 | 350 | 100 | 262,500 | |
| Hailey Elementary School | 520 So 1st Ave Hailey, ID 83333 | 400 | 350 | 100 | 262,500 | |
| Ernest Hemingway STEAM School | 111 8th St W Ketchum, ID 83340 | 400 | 350 | 100 | 262,500 | |
| Maintenance Building | 1630 Aviation Drive Hailey, ID 83333 | 400 | 350 | 100 | 262,500 | |
| Technology Department | 719 Third Ave So Hailey, ID 83333 | 400 | 350 | 100 | 262,500 | |
| Wood River High School | 1250 Fox Acres Rd Hailey, ID 83333 | 400 | 350 | 100 | 262,500 | |
| Wood River Middle School | 900 2nd Ave No Hailey, ID 83333 | 400 | 350 | 100 | 262,500 | |
| Total | | 4000 | 3500 | 1000 | 2,625,000 | |



| IRU Dark Fiber | | | | | | |
|-------------------------------|--|-------------|-------------|-----------------|--------------------------|--|
| Building | Address | 10 Year MRC | 20 Year MRC | Maintenance MRC | NRC Special Construction | |
| Alturas Elementary School | 1111 Alturas Elem Ln Hailey, ID 83333 | 350 | 300 | 100 | 262,500 | |
| Bellevue Elementary School | 305 N. 5th St. Bellevue, ID 83313 | 350 | 300 | 100 | 262,500 | |
| Carey Public School | 20 Panther Lane Carey, ID 83320 | 350 | 300 | 100 | 262,500 | |
| District Office | 118 West Bullion Hailey, ID 83333 | 350 | 300 | 100 | 262,500 | |
| Hailey Elementary School | 520 So 1st Ave Hailey, ID 83333 | 350 | 300 | 100 | 262,500 | |
| Ernest Hemingway STEAM School | 111 8th St W Ketchum, ID 83340 | 350 | 300 | 100 | 262,500 | |
| Maintenance Building | 1630 Aviation Drive Hailey, ID 83333 | 350 | 300 | 100 | 262,500 | |
| Technology Department | 719 Third Ave So Hailey, ID 83333 | 350 | 300 | 100 | 262,500 | |
| Wood River High School | 1250 Fox Acres Rd Hailey, ID 83333 | 350 | 300 | 100 | 262,500 | |
| Wood River Middle School | 900 2nd Ave No Hailey, ID 83333 | 350 | 300 | 100 | 262,500 | |
| Total | | 3500 | 3000 | 1000 | 2625000 | |

| Internet Service | | | |
|------------------|--------|--------|----------|
| Gbps | 1 Year | | 5 Year |
| 1 | \$ | 3,650 | \$ 2,550 |
| 2 | \$ | 5,250 | \$ 3,500 |
| 5 | \$ | 8,900 | \$ 6,850 |
| 10 | \$ | 13,500 | \$ 8,975 |



| Cost | Juniper Part Number | Cisco Part Number | Note |
|------------|---------------------|-------------------|------|
| \$5,400.00 | EX4600-40F-AFO | C9300-48U-A | |
| | included already | C9300-NW-A-48 | |
| | included already | S9300UK9-168 | |
| | included already | PWR-C1-1100WAC | |
| | included already | PWR-C1-1100WAC/2 | |
| | included already | C9300-NM-8X | |
| \$1,000.00 | JS-PLT-SING | C9300-DNA-A-48 | |
| \$250.00 | JS-NETDIR-10 | C9300-DNA-A-48-3Y | |
| \$50.00 | SVC-SWA-JS-ND-10 | C1-ADD-OPTOUT | |
| \$150.00 | SVC-SWA-JS-PLT-SIN | | |
| | | | |
| \$7,000.00 | MX150 | ASR1001-X | |
| | included already | SLASR1-IPB | |
| | included already | ASR1K-INTERNET | |
| | included already | M-ASR1001X-8GB | |
| | included already | NIM-BLANK | |
| | included already | SASR1K1XUK9-169 | |
| \$50.00 | CBL-EX-PWR-C13-US | | |
| | included already | CAB-AC | |
| | SVC-COR-MX150 | CON-SNT-ASR1001X | |
| | included already | CON-SNT-SLASR1K | |
| | | | |
| | | | |
| \$3,000.00 | EX-SFP-10GE-ER | | |
| \$1,200.00 | EX-SFP-10GE-LR | | |