



# Authorization for Asset Movement For Non-Retirement Accounts

The undersigned hereby authorizes and directs Deutsche Bank Alex. Brown ("Deutsche Bank Alex. Brown" or "DBAB") to follow the below asset movement instructions. If you wish to request multiple wires, checks, journals or free deliveries, please use the long form.

DBAB Account Name: **Jeffrey E Epstein**

Account #: [REDACTED]

**Wire**

Wire federal funds in the amount of \$ **23,351.64**

To Bank Name: **US Bank**

City / State: \_\_\_\_\_

ABA #: **107002312**

Further credit to Intermediary Financial Institution (Optional)

Account #: \_\_\_\_\_

Name: \_\_\_\_\_

Ultimate Beneficiary Information:

Beneficiary Name: **Advanced Communications & Electronics**

Account #: [REDACTED]

Additional Instructions: **Zorro Ranch 50% deposit**

**Journal**

Journal Funds in the amount of \$ \_\_\_\_\_

Journal Holdings:

Qty/Symbol/Security: \_\_\_\_\_

Qty/Symbol/Security: \_\_\_\_\_

Journal All Holdings

To DBAB Account #: \_\_\_\_\_

Account Name: \_\_\_\_\_

**Free Deliveries**

Please deliver the securities indicated below to:

DTCC#: \_\_\_\_\_

Name of Receiving Firm: \_\_\_\_\_

Account Name: \_\_\_\_\_

Account Number: \_\_\_\_\_ at Receiving Firm

Qty/Symbol/Security: \_\_\_\_\_

Qty/Symbol/Security: \_\_\_\_\_

**Check**

Issue a check in the amount of \$ \_\_\_\_\_ payable to:

Recipient's Name: \_\_\_\_\_

Recipient's Mailing Address: \_\_\_\_\_

**Standing Authorization**

- The undersigned hereby requests that this authorization act as a standing authorization. The undersigned understands and agrees that this authorization will remain in effect until Deutsche Bank Alex. Brown requests a new authorization. The undersigned authorizes Deutsche Bank Alex. Brown to issue the wire, check or journal on the \_\_\_\_\_ day of \_\_\_\_\_ for a term of \_\_\_\_\_.
- The undersigned further authorizes Deutsche Bank Alex. Brown to accept verbal instructions from the undersigned to wire funds, issue checks or journal funds to/from the above listed accounts. The undersigned will provide verbal instructions as to the date and the amount of the wire, check or journal. If the undersigned decides to vary either the date or the amount of the wire, check or journal, the undersigned hereby authorizes Deutsche Bank Alex. Brown to accept the verbal instructions from the undersigned regarding the change or changes. The undersigned further understands and agrees to comply with the procedures of Deutsche Bank Alex. Brown to verify the authorization and accuracy of verbal instructions.

The undersigned hereby acknowledges that (i) the information contained in this form is complete and accurate to the best knowledge of the undersigned; and (ii) the undersigned is responsible for the method of transmission of any instructions issued pursuant to this authorization. If the undersigned elects to transmit any such instructions via fax (including desktop fax), via email or as an image attachment to email (e.g., as a PDF, TIF or other image of such instructions), the undersigned understands and agrees that the undersigned bears the risk of loss arising from such method of transmission in the event of transmission errors, misunderstandings, impersonations, transmission by unauthorized persons, forgery or intercepts. For trusts or other entities, the undersigned further acknowledges that the undersigned is authorized to issue the above asset movement instructions under the terms of the governing documents and any applicable laws. The undersigned hereby releases and holds harmless Deutsche Bank Alex. Brown from and against loss from any action, claim or demand of any person as a result of Deutsche Bank Alex. Brown's receipt of or compliance with this authorization and/or any instructions that may be given to Deutsche Bank Alex. Brown pursuant to this authorization (including any standing authorization).

The undersigned understands that Deutsche Bank Alex. Brown may, but is not required to, seek verification of the undersigned's instructions by call back and that Deutsche Bank Alex. Brown may in its sole discretion refuse to execute such instructions (including standing instructions) given pursuant to this authorization, without incurring any liability, if Deutsche Bank Alex. Brown has reason to believe such instructions (or standing instructions) have not been provided by the undersigned. The undersigned further understands that Deutsche Bank Alex. Brown retains the right to refuse to execute any instructions to transfer funds or securities to any account(s) pursuant to this authorization without written instructions bearing original signature(s) of the undersigned.

  
Signature

**Jeffrey Epstein**  
Print Name

**1-17-2014**  
Date

Signature

Print Name

Date



10-PWM-0177S (12/10)

# Proposal

To: Brice Gordon  
Zorro Ranch Development Corp

From: Advanced Communications & Electronics, Inc.  
2417 Baylor Drive SE  
Albuquerque, NM 87106

Richard L Boltz

Date: September 23, 2013

We are pleased to submit our proposal on the following:

*This is a Budgetary Quote to provide the wireless equipment to deliver Ethernet for the Zorro Ranch and Ranch Central. Installation Services for the wireless and wired equipment proposed in the BOM of this Quote. A complete system testing will be scheduled for acceptance after the equipment is installed and optimized a Service Level Agreement will be supplied based on the equipment selected from this Budgetary Proposal. Zorro Ranch will provide the telephone poles, conduit between the poles and the 2 facilities, a boom lift where required for the outside wireless equipment installation. Power and junction boxes with null cords.*

Item	Quantity	Description	Each	Extended
1	1.00	Internet Office 700 UPS for Main House Lower Level	\$236.53	\$236.53
2	2.00	Battery Backup 940 W UPS/1 for each Radwin Radio/Telephone Pole	\$771.40	\$1,542.80
3	1.00	One Legged Wall Mount Assembly	\$48.61	\$48.61
4	1.00	Adtran NetVanta 4430 Router	\$2,895.00	\$2,895.00
5	1.00	Adtran NetVanta T1/FT1 Network Interface Module	\$645.00	\$645.00
6	1.00	ZoneFlex 802.11n Outdoor Wireless Access Point	\$1,999.00	\$1,999.00
7	1.00	48 VDC Power Injector	\$98.00	\$98.00
8	1.00	Cat5e Outdoor UV Rated Gray 100 ft	\$475.14	\$475.14
9	2.00	Swing Frame. Open 19" Wall Mount Rack for Indoor	\$351.72	\$703.44
10	3.00	Transtector, DIN Rail Cross, CAT5e Surge Arrestor, 60 VDC, 1 Gig	\$63.00	\$189.00
11	1.00	Flat Panel Antenna, 90 degree, 4.9 GHz to 5.9 GHz	\$790.00	\$790.00
12	2.00	Radwin 2000 Connectorized Multi Mode Radio/4.9 GHz	\$2,750.00	\$5,500.00
13	2.00	Radwin 2000 Power Injector	\$80.00	\$160.00
14	2.00	2' Dish Antenna/Dual Polarized	\$790.00	\$1,580.00
15	1.00	Taper Adjustable Chain Mount, 1 ft Standoff, 5"-36" Pole	\$361.95	\$361.95
16	4.00	3" x 4-1/4" U bolt, 3/8"	\$3.00	\$12.00
17	3.00	2-3/8" x 63" Galvanized Pipe	\$42.85	\$128.55
18	1.00	Taper Adjustable Chain Mount w/dual 1 ft Standoff, 5"-36" Pole	\$500.00	\$500.00
19	1.00	Miscellaneous installation Hardware, Clips, Lugs, Anchors, etc	\$692.31	\$692.31
20	1.00	Miscellaneous installation Grounding Cables, Wires, Lugs, etc	\$384.62	\$384.62
21		<b>Ranch Central</b>		
22	3.00	One Legged Wall Mount Assembly	\$48.61	\$145.83
23	1.00	NetVanta 1534 (2nd Gen), Managed Layer 3, 24 Port Gigabit Ethernet Switch	\$1,083.09	\$1,083.09
24	1.00	ZoneDirector 1100 supporting up to 6 ZoneFlex Access Points	\$1,200.00	\$1,200.00
25	3.00	ZoneFlex 802.11n Outdoor Wireless Access Point	\$1,999.00	\$5,997.00
26	3.00	48 VDC Power Injector	\$98.00	\$294.00
27	1.00	Partner Premium Support for ZoneDirector 1106	\$225.00	\$225.00
28	1.00	Swing Frame. Open 19" Wall Mount Rack for Indoor Equipment	\$351.72	\$351.72
29	3.00	Transtector, DIN Rail Cross, CAT5e Surge Arrestor, 60 VDC, 1 Gig	\$63.00	\$189.00

	Subtotal Equipment Cost	\$28,427.59
	Labor, Installation & Optimization (see note 12 if this line item is over \$500.00)	\$ 14,367.50
	Frequency Coordination/FCC License	
	Freight	\$852.83
	Gross Receipts Tax 7.0000%	\$3,055.35
	Total	\$46,703.27

Notice - the terms and conditions of this proposal are shown below.

50% deposit 23,351.61

OK  
1/17/2014

Notes

- 1 This quote is good for 90 days.
- 2 Standard Terms - Net 15, Subject to credit approval. Leasing and financing options are available upon request.
- 3 Delivery - 4 weeks ARO (after receipt of order) is typical.
- 4 As used herein, "Proposal" means this document, also referred to as "Sales Agreement" once signed by "Seller" and "Customer", or by
- 5 Seller hereby disclaims any express or implied warranties regarding the Product, including, but not limited to, warranties of
- 6 Customer agrees that its sole remedy for any nonconforming Product is the return of the Product and a refund of the purchase price. In
- 7 Customer may return conforming Product to Seller, at Seller's sole discretion, within thirty (30) days of purchase for a refund of the
- 8 Customer shall pay to Seller all costs and expenses, including court costs and reasonable attorney's fees, incurred by Seller in
- 9 This "Sales Agreement" shall be governed by and interpreted in accordance with New Mexico law. Any lawsuit related to this "Sales
- 10 If any provision of this "Sales Agreement" is determined to be invalid or unenforceable, the remainder of this "Sales Agreement" shall
- 11 Customer acknowledges that it has read and understands the terms and conditions of the "Sales Agreement" and agrees to be bound
- 12 Refer to Installation Agreement form for additional installation details and terms and conditions relating to the equipment installation.

Accepted By:

\_\_\_\_\_ Date  
Customer Signature

\_\_\_\_\_ Date  
Seller Signature

Cathy Parmentier <[REDACTED]>  
To: Rich Kahn  
Bank Information

January 17, 2014 2:49 PM

Hello,

Please send the deposit for Advanced Communications & Electronics, Inc. to:

US Bank  
2300 Louisiana Blvd NE  
Albuquerque NM 87110

Routing # 107002312

Acct# [REDACTED]

Thank you!

Cathy Parmentier  
Accounting  
Advanced Communications & Electronics, Inc.  
Advanced Tower Services, Inc.  
2417 Baylor Dr SE  
Albuquerque NM 87106  
[REDACTED]

January 9, 2014

Brice Gordon  
Zorro Development Corp

**Budgetary Proposal to Provide the Ethernet Wireless Link, Switches and Router to Upgrade the IP and VoIP Infrastructure for Zorro Ranch**

Advanced Communications & Electronics is pleased to present a budgetary quote to provide wireless and wired Ethernet equipment and services to distribute VoIP and Internet required for Zorro Ranch. This proposal is to replace the existing router, provide a wireless link and upgrade the Ethernet infrastructure at all of the facilities and sites currently using VoIP and Internet services.

The full upgrade should be phased to provide time to integrate the new services, router, unlicensed link and optimization. Three phases are recommended to incorporate changes and provide better performance at each stage of the upgrade process. If all of the Phases are not completed the final solution will function but will not address all of the current issues and concerns.

The equipment and services provided in this proposal are:

- System design and engineering
- Installation and optimization at each Phase
- Adtran NetVanta Router and Switches
- Radwin multi-mode unlicensed wireless link
- Ruckus controller and outdoor AP's
- 90 degree panel antenna for the Alvarion Hub
- Antenna pole mounting hardware
- Wall cabinets, UPS, and grounding at each location

The "Budgetary Quote Overview" and "Phases" are described in this offering. Any questions or concerns should be directed to Richard Boltz at 505-244-3321 ext 131 or 505-269-6819. Thank you for considering Advanced Communications and Electronics, Inc. for a State of the Art communications solution.

Sincerely,

Richard L. Boltz  
Project Manager  
Advanced Communications and Electronics

### **A. Budgetary Quote Overview:**

The current carrier services are delivered to Sandia Crest and are limited to two T-1 capacity. A Business Class Satellite system is recommended to augment the current carrier services of 2 T-1's. The Business Class Satellite system will provide a dedicated 6 Mbps on the downlink and 1 Mbps on the uplink for an aggregate of 7.5 Mbps for the uplink and 2.5 Mbps on the downlink for data services.

The Sandia Crest unlicensed wireless link currently in use will be used for redundant internet services and maintain the current voice T-1 service. The router will need to be upgraded and optimized to combine the data services and provide adequate capacity for the additional equipment selected for the upgrade.

The Budgetary Quote is to provide a working solution that addresses poor system performance, wireless coverage noise issues, delivery of VoIP and Internet to Ranch Central, improve coverage to the Guest Cottage and provide connectivity options for future carrier services that may become available locally.

### **B. Phase Descriptions:**

Three Phases are recommended as follows:

#### **Phase I**

- Upgrade and replace the current router and optimize
- Install outdoor dishes and satellite service to the router
- Connect the internet to the VoIP Switch at the Main House

#### **Phase II**

- Install poles and 200 Mbps unlicensed wireless link between Zorro Ranch and Ranch Central and connect to the router
- Install the outdoor Ruckus AP at the HVAC for outdoor Wi-Fi and Manager House internet and VoIP and connect to the router
- Install the Adtran Switch, Ruckus Zone Director and outdoor Ruckus AP's at the Fire Station and the Ranch Office
- Remove the current Wi-Fi radio in the Fire station steeple

#### **Phase III**

- Replace the current 360 degree antenna on the HVAC Alvarion PMP with a 90 degree antenna panel
- Connect the Internet and VoIP Phone services to a WiFi Gateway at the Ranch Central Office and connect to office computer and VoIP Phones
- Additional gateways may be required for indoor coverage and can be added as required
- System testing and optimization will be provided after the system upgrades are completed



## Proposal

To: Bruce Gordon  
Zorro Ranch Development Corp

From: Advanced Communications & Electronics, Inc.  
2417 Baylor Drive SE  
Albuquerque, NM 87106

Richard L. Boltz

Date: December 4, 2013

We are pleased to submit our proposal on the following:

*This is a Budgetary Quote provided previously that will need to be updated to the current MSRP and any discounts provided in the previous quote will be applied.*

*This Quote is to provide the wireless equipment to upgrade the Ethernet Infrastructure at the Zorro Ranch and Ranch Central, Installation Services for the wireless and wired equipment proposed is included in this Quote.*

*A complete system testing will be scheduled for acceptance after the equipment is installed and optimized.*

*A Service Level Agreement will be supplied based on the equipment selected from this Budgetary Proposal.*

*Zorro Ranch will provide the telephone poles, conduit between the poles and the 2 facilities, a boom lift where required for the outside wireless equipment installation. Power and junction boxes with pull cords.*

Item	Quantity	Description	Each	Extended
1	1.00	Internet Office 700 UPS for Main House-Lower Level	\$238.53	\$238.53
2	2.00	Battery Backup 640 W UPS/1 for each Ranch Radio/Telephone Pole	\$771.40	\$1,542.80
3	1.00	One Legged Wall Mount Assembly	\$48.61	\$48.61
4	1.00	Adtran NetVanta 4430 Router	\$2,895.00	\$2,895.00
5	1.00	Adtran NetVanta T1/FT1 Network Interface Module	\$845.00	\$845.00
6	1.00	ZoneFlex 802.11n Outdoor Wireless Access Point	\$1,999.00	\$1,999.00
7	1.00	48 VDC Power Injector	\$98.00	\$98.00
8	1.00	Cat5e Outdoor UV Rated Gray 100 ft	\$475.14	\$475.14
9	2.00	Swing Frame, Open 19" Wall Mount Rack for Indoor	\$351.72	\$703.44
10	3.00	Transient, DIN Rail Cross, CAT5e Surge Arrester, 80 VDC, 1 Gbit	\$63.00	\$189.00
11	1.00	Flat Panel Antenna, 90-degree, 4.9 GHz to 5.9 GHz	\$790.00	\$790.00
12	2.00	Radwin 2900 Connectorized Multi Mode Radio/4.9 GHz	\$2,750.00	\$5,500.00
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15	1.00	Taper Adjustable Chain Mount, 1 ft Standoff, 5" 3/8" Pole	\$361.95	\$361.95
16	4.00	3" x 4-1/4" U bolt, 3/8"	\$3.00	\$12.00
17	3.00	2-3/8" x 63" Galvanized Pipe	\$42.85	\$128.55
18	1.00	Taper Adjustable Chain Mount w/dual 1 ft Standoff, 5" 3/8" Pole	\$500.00	\$500.00
19	1.00	Miscellaneous Installation Hardware, Clips, Lugs, Anchors, etc	\$682.31	\$682.31
20	1.00	Miscellaneous Installation Grounding Cables, Wires, Lugs, etc	\$384.62	\$384.62
21		Ranch Central		
22	3.00	One Legged Wall Mount Assembly	\$48.61	\$145.83
23	1.00	NetVanta 1534 (2nd Gen), Managed Layer 3, 24 Port Gigabit Ethernet Switch	\$1,083.09	\$1,083.09
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25	3.00	ZoneFlex 802.11n Outdoor Wireless Access Point	\$1,999.00	\$5,997.00
26	3.00	48 VDC Power Injector	\$98.00	\$294.00
27	1.00	Partner Premium Support for ZoneDirector 1106	\$225.00	\$225.00

See Quote Printed 12-04-2013 End

www.advcomex.com

28	1.00	Swing Frame, Open 19" Wall Mount Rack for Indoor Equipment	\$351.72	\$351.72
29	3.00	Translector, DIN Rail Cross, CAT5e Surge Arrestor, 60 VDC, 1 Gta	\$63.00	\$189.00
		Subtotal Equipment Cost		\$25,427.59
		Labor, Installation & Optimization <small>(see note 12 if the line item is over \$200.00)</small>		\$ 14,367.50
		Frequency Coordination/FCC Licenses		
		Freight		\$852.83
		Gross Receipts Tax 7.0000%		\$3,055.36
		<b>Total</b>		<b>\$46,703.27</b>

*Please refer to the terms and conditions of the proposal on attached sheet.*

**Notes**

- 1 The quote is good for 90 days.
- 2 Standard Terms - Net 15, Subject to credit approval. Leasing and financing options are available upon request.
- 3 Delivery - 4 weeks ARO (after receipt of order) is typical.
- 4 As used herein, "Proposed" means this document, also referred to as "Sales Agreement" once signed by "Seller" and "Customer", or by
- 5 Seller hereby disclaims any express or implied warranties regarding the Product, including, but not limited to, warranties of
- 6 Customer agrees that its sole remedy for any nonconforming Product is the return of the Product and a refund of the purchase price. In
- 7 Customer may return conforming Product to Seller, at Seller's sole discretion, within thirty (30) days of purchase for a refund of the
- 8 Customer shall pay to Seller all costs and expenses, including court costs and reasonable attorney's fees, incurred by Seller in
- 9 This "Sales Agreement" shall be governed by and interpreted in accordance with New Mexico law. Any lawsuit related to the "Sales
- 10 If any provision of this "Sales Agreement" is determined to be invalid or unenforceable, the remainder of this "Sales Agreement" shall
- 11 Customer acknowledges that it has read and understands the terms and conditions of the "Sales Agreement" and agrees to be bound
- 12 Refer to Installation Agreement form for additional installation details and terms and conditions relating to the equipment installation.

*24,000 deposit*

Accepted By:

	Date
Customer Signature	1/17/2014
	Date
Seller Signature	

Brice Gordon <[REDACTED]>  
To: Rich Kahn <[REDACTED]>  
Fwd: Antenna is in

January 10, 2014 2:44 PM

1 Attachment, 200 KB

Hi there

for your review lets discuss overall schedule monday, pole, ISP and advanced communication  
regards Brice

----- Forwarded message -----

From: **Richard Boltz** <[REDACTED]>  
Date: Thu, Jan 9, 2014 at 1:25 PM  
Subject: Antenna is in  
To: "ZDC.RT41" <[REDACTED]>  
Cc: Cathy Parmentier <[REDACTED]>, Lori Moore <[REDACTED]>, Bob Picknell <[REDACTED]>  
<[REDACTED]>

Brice,

Your broadband antenna is in to replace the broken antenna.

I reviewed the project information and the proposal that was finalized and changed the date on the proposal cover. The Proposal has one (1) primary wireless link between the HVAC Facility and the Equipment

Building location. We should review the pole locations prior to you having them installed. A second wireless link or wireless "Node Ring" originally discussed would be required if the carrier services are moved to the pedestal at the Ranch. This would be quoted at a later date if required.

I have the numbers back from accounting based on the credit information provided:

1. They will require 50% up front (to order equipment)
2. 25% to mobilize (labor)
3. 25% at closing and acceptance (project completion).

It will take about 2 weeks get everything in-house and tested and about a week in the field after the work is scheduled. Scheduling varies with the amount of work already in progress. The poles and power need to be installed where required before we schedule.

Before staging can be performed we will need to review the VoIP phone system installation information to capture all the current IP addresses assigned and any routing information. If we need to have Bob come out and survey the system to obtain the network topology data I may have to add this as a service call but all of this has to happen to stage the equipment.

Please let me know if you have questions or require additional information.

Thanks,

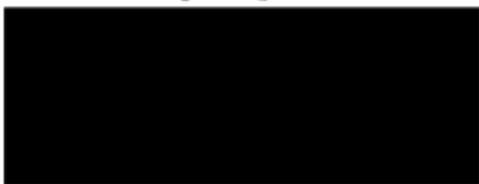
Richard L. Boltz

Project Manager

Advanced Communications and Electronics

2417 Baylor SE

Albuquerque, NM 87106



--

**Brice Gordon**

49 Zorro Ranch Rd  
Stanley, NM 87056



[Zorro Cover...pdf \(200 KB\)](#)

Jeffrey Epstein <jeevacation@gmail.com>  
To: Mark Tollison <[REDACTED]>, Richard Kahn  
<[REDACTED]>  
Cc: Brice Gordon <[REDACTED]>  
Re: FW: Advanced Microwave

October 10, 2013 12:07 PM

sounds good, rich please review carefully,

On Thu, Oct 10, 2013 at 5:55 PM, Mark Tollison

<[REDACTED]> wrote:

I met with Richard Boltz in person with two other engineers to review the proposal along with Brice.

This was made clear you will receive for the ethernet system for the Main House and Ranch Central:

1. a commercial grade ethernet system to improve and expand reception desired from ISP provider to be chosen.
2. can be managed and programmed remotely for the Main House and Ranch Central.
3. equipment to be used has proven to be reliable and has capacity for the future expansion.
4. sequence of installation will cause the least disruption - will be to replace the existing Cisco router first with an Adtran router, develop the network (with pole installation at three points) and then intergrate the wifi.
5. lead time from time given to proceed -to acquire equipment on their part - 15 days, afterwards to proceed as quickly as possible per 3 general steps noted above.
6. can provide long term service agreement based on system installed afterwards.
7. Boltz who was very accommodating did say he will not be able to

provide another proposal or scope of work per the Owner who I met as well, has been told he has too much time in on this already.

8. this is a not to exceed quote, unless something more is desired during install.

Observations:

This vendor has the commercial level of expertise, and experience to create a reliable system with capacity, can monitor and reprogram remotely, can trouble shoot and service it long term, and add to as desired with the level of technical expertise in its personnel that will be needed and I would look for for this property vs residential oriented companies who may be less expensive but at the end of the day often cannot engineer, deliver, troubleshoot, service properly or add to. Also were very customer service oriented and know the ranch.

Best regards,

Mark

Mark Tollison

Jeffrey Epstein <jeevacation@gmail.com>

October 14, 2013 5:51 AM

To: Mark Tollison <[REDACTED]>, Richard Kahn

<[REDACTED]>, <[REDACTED]>

Re: FW: Zorro Internet for ISP

2 Attachments, 376 KB

what do you recommend.. lets meet in ny on wed or thurs to discuss

----- Forwarded message -----

From: **Mark Tollison** <[REDACTED]>

Date: Mon, Oct 14, 2013 at 2:07 AM

Subject: FW: Zorro Internet for ISP

To: Jeffrey Epstein <jeevacation@gmail.com>

Sir,

The proposal from Advanced Communications for installing the **internet infrastructure** for Zorro Ranch was forwarded up earlier this week which I believe you have RK reviewing. Depending which ISP proposal you wish to move forward on, you now have with this proposal (and one from Hughes for ISP) all proposals (with Advanced Communications) to install all aspects of the internet you need for ZR.

This proposal attached is from a company named Higher Speed Internet (HSI) for the **ISP provider** for Zorro Ranch. I believe you have dealt with this company before. This is an option to the proposal from Hughes which Brice says you and RK have and have reviewed.

Brice has not moved forward on Hughes since he believes this is better. Richard Boltz of Advanced Communications has spoken with the President of HSI, Steve Grabiell, to verify that he understands what ZR needs and what HSI can deliver- see attached. Brice had Grabiell

break everything down per RK's requirements in the attached proposal.

ZR would install any poles required.

**Note: This proposal is good only through 10/19 - because of weather and personal commitments of Grabiell.**

Brices notes below.

Brices Notes:

"15 Meg will be the Max service, note Richard B comment equipment rated for 25 miles, we are 32 miles

It still will be better service than Hughes net

HSI did propose at one point, 10,000 build out to lay cable from there building to ours on crest

therefore Hughes Net was contacted. This was forwarded to Rich K and he may get confused with this offer and HSI last proposal.

Richard B did have concerns about this provision/Steven, but looks like we have only 2 options here

HSI service will be coming from there tower on Sandia Crest to a new dish on the Ranch

Service is for Data/Internet only not phone.

Time Warner T1 services should be retained as redundancy

Please make note of time frame to install services from HSI, basically its a weather/seasonal issue."

Best regards,

Mark

Mark Tollison

Zorro Ranch and Wireless Ethernet and Router Proposal													
01.01.00	Engineering and System Design Work											\$0.00	
01.01.01	Project Management											\$0.00	
01.01.02	Equipment Ordering and Inventory	4.0	\$300.00	\$0.00								\$0.00	
01.01.04	Staging for the Adtran 4430 Router		\$0.00	\$0.00								\$0.00	
01.01.05	Staging for the Radwin 2000 C Link		\$0.00	\$760.00	8.0	\$0.00						\$0.00	
01.01.06	Staging for the Ruckus Wireless Equipment		\$0.00	\$340.00	4.0	\$0.00						\$0.00	
01.02.00	Deploy to Zorro Ranch and Install Radwin Link at the Equipment Bldg (2 Installers and 1 Tech)		\$0.00	\$340.00	4.0	\$0.00						\$0.00	
01.02.01	Pull Cat5e from Pole to Frame inside Fire Station	2.0	\$150.00	\$0.00								\$0.00	
01.02.02	Install Indoor Frame at the Fire Station	4.0	\$300.00	\$0.00								\$0.00	
01.02.03	Install Radwin Radio and Pole Mount Hardware	6.0	\$450.00	\$0.00								\$0.00	
01.02.04	Install Pole Ground Rod and cables	4.0	\$300.00	\$0.00								\$0.00	
01.02.05	Install Adtran L3 Switch at Fire Station		\$0.00	\$170.00	2.0	\$0.00						\$0.00	
01.02.06	Install Ruckus Zone Director in the Fire Station with UPS		\$0.00	\$170.00	2.0	\$0.00						\$0.00	
01.02.07	Remove Adtran WAP and antennae from the Fire Station Top Level	4.0	\$300.00	\$340.00	4.0	\$0.00						\$0.00	
01.02.08	Run outdoor Cat5e for Ruckus AP1 & AP2 back to the Wall Mount Swing out Frame	4.0	\$300.00	\$340.00	4.0	\$0.00						\$0.00	
01.03.00	Deploy to Zorro Ranch to Install Radwin Link at the HVAC (2 Installers and 1 Tech)		\$0.00	\$0.00								\$0.00	
01.03.01	Install Indoor Frame at the HVAC Building	2.0	\$150.00	\$170.00	2.0	\$0.00						\$0.00	
01.03.02	Install Radwin Radio and Pole Mount Hardware at HVAC	6.0	\$450.00	\$170.00	2.0	\$0.00						\$0.00	
01.03.03	Install Router in the Main House Lower Level and Test Connections		\$0.00	\$170.00	2.0	\$0.00						\$0.00	
01.03.04	Install Transient Protection and all Grounding for Pole and Inside Frame	2.0	\$150.00	\$170.00	2.0	\$0.00						\$0.00	
01.03.05	Pull Cat5e and mount Ruckus AP4 at the HVAC Building	2.0	\$150.00	\$170.00	2.0	\$0.00						\$0.00	
01.04.00	Deploy to Zorro Ranch to Install Alvarion and Panel at the HVAC (2 Installers and 1 Tech)		\$0.00	\$0.00								\$0.00	
01.04.00	Install 90 Degree Panel Antenna for Alvarion on Pole and Relocate Radio	4.0	\$300.00	\$170.00	2.0	\$0.00						\$0.00	
01.04.04	Install Ethernet Switches and IP Phones at each location specified		\$0.00	\$0.00								\$0.00	
01.04.05	Make all Final Equipment Connections at the Open Frame Rack in the Fire Station and Test Voip Phones and Internet Access		\$0.00	\$340.00	4.0	\$0.00						\$0.00	
01.05.00	Deploy to Site to Test and Sign Off with Customer	6.0	\$450.00	\$510.00	6.0	\$0.00						\$0.00	
<b>Totals</b>		50.0	\$3,750.00	\$3,578.00	42.0	\$760.00	8.0	\$2,500.00	20.0	\$0.00	24.0	\$0.00	\$3,000.00