 NxG Services for the Next Generation Campus

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Mr. Hammond

Value is the one word guideline that is strictly adhered to throughout our company. As you begin to peruse through our proposal we would like to communicate across a distinct approach towards a high level of value. Our attention to detail and understanding of the direction wireless communication is heading, will provide you with an extensive and full awareness of the needs for 3G (Third Generation) and 4G (Fourth Generation) services on college campuses. Our services will be used to provide Fort Hays State University with a detailed explanation of future technologies for wireless and future services. This information will be provided to you for use in developing a branded cell phone i.e. Tiger Phone. Our final deliverable will also provide you with a description of services that would be ideal for campus students to use in and out of the classroom.

Sincerely

Todd Bryant
NxG Wireless Consulting
Qualifications

NxG Wireless Consulting consists of FHSU students. Our experiences as students provide poignant insight into what services could best be utilized by Fort Hays faculty, staff, and students. All the members of NxG Consulting major in a technology focused field which helps us to understand the technology and services that 3G and 4G could bring to this campus. Our technical background includes a variety of certifications including the CWNA (Certified Wireless Network Administrator). One group member has particular insight into business because he has a minor in Business and this will help in determining the value of best practices. Our education has instilled passion in the future of wireless technology, and our desire to learn and succeed in this field is immeasurable.
**Objectives**

- Identify the services that would be considered best practices for implementing a 3G or 4G wireless network on a college campus.
- To analyze and recommend services that could be used by faculty, staff, and students on a university campus.
- To analyze and recommend service for wireless handsets and laptop computers that would increase the educational value of a college campus.
- Evaluate the services that could be used to enhance the educational environment of Fort Hays State University.
- Present our findings in the form of a professional caliber PowerPoint presentation and complimentary website.
Value to the Organization

As a result of our research conducted for Fort Hays State University, we will illustrate best practices of early implementations of 3G and 4G services. In order to keep FHSU on the cutting edge of high tech high touch learning, it must be one of the early adopters of these best practices. Faculty, staff and students will be able to go about their every day work communicating with unprecedented effectiveness and ease. Our efforts will empower Fort Hays State University with the necessary resources to make decisions on utilizing 3G and 4G services. FHSU will set a technological, institutional standard, as the innovator in the state of Kansas and an early national adopter of 3G and 4G services. We predict that this will reduce the needs of public computer labs because handsets will offer many services currently used in computer labs. Effectiveness of communication will be greatly improved by new services such as instant messaging. With FHSU’s proven track record of attracting students with cutting edge technology learning, 3G and 4G services have the opportunity to increase enrollment.
**Methodology**

This project focuses on *best practices* to be used in implementing 3G and 4G in the college campus environment, and particularly at FHSU. The scope of our research returns almost exclusively to services; other studies will likely deal more directly with hardware questions. Our research will focus on the last three parts of researching best practices: analysis, synthesis, and evaluation. Though initially our research includes knowledge, comprehension, and application, the final deliverable will not focus on these aspects.

- Our analysis begins by following up possible 3G and 4G services available currently and in the future, separating them from their current use, and how those situations are different from that of FHSU. We recognize that not all services will be useful or applicable to FHSU and we will analyze their usefulness.

- Surveys and interviews will be carried out to learn the needs of FHSU faculty, staff, and students. Interviews determine detailed information about the value of various services to individuals of FHSU. Also, surveys will be used to figure out more generally what the diverse populations of the school are interested in.

- The synthesis step of researching best practices includes finding how these disparate services, many not even existing, will integrate into the FHSU academic climate. We will find creative ways to use 3G and 4G services at FHSU. New innovative services will be proposed as part of our final deliverable.

The value of this study occurs in evaluation of best practices. We believe that first and foremost, school is about learning and the ways in which that learning takes place. Living and interacting with new worlds are essential parts of the college experience. We believe that 3G and 4G technology must be a part of both aspects of college life. Learning will be enhanced through user
interactivity and better forms of communication with one another. This is the future of our society; places like Western Kansas must not be left behind. The digital divide has the possibility of leaving rural areas without next generation services, and this rural school will not be left behind. 3G and 4G services will enhance the educational and social environments of this high-tech university in unimaginable ways; this is our future.
**Timeline**

**January 20**  
Start on wireless project with IBM. The goal is to clearly state the requirements of the project and what is expected for the final deliverable.

**January 21**  
Get in contact with IBM representative, Michael Sisto concerning this wireless-cellular consulting project. Setup a weekly conference call with Mr. Sisto every Friday at 10:30AM starting today and ending May 6th. Ask any questions or concerns regarding this project during these meetings.

**January 24**  
Setup a team meeting every Monday and Wednesday at 10:30AM starting today and ending May 11th to organize and develop team strategies to finalize the project.

**January 14**  
Complete cover letter and proposal.  
Create Power-Point for proposal.

**February 15**  
Proposal Due

**February 17**  
Present Proposal

**February 18**  
Continue Research and Surveys  
Conduct surveys, collect data, and analyze data during the next week

**February 22**  
Identify VIP’s for invitations and create a guest list for final deliverable.

**March 5**  
Focus most of our efforts on synthesis and evaluation and begin writing the final deliverable.

**March 28**  
Begin designing the PowerPoint template and website development.

**April 27**  
Complete final project and create PowerPoint presentation.

**April 29**  
Present preliminary findings and recommendations.

**May 2**  
Post final report and PowerPoint presentation on INT web server.

**May 3,5**  
Capstone Draft Presentations

**May 13**  
Deliver Final project to guests at the Capstone convocation
Terms and Conditions

Fees:

The total fee for this project will be $41,200, at approximately $75 per hour, per person. This quote includes all expenses that incur during this project.

Payment Terms:

A 50 percent deposit is required from the client before commitment, with the full amount due within 60 days of completion.¹

¹ Note: This page is as if we were trying to sell the project. Our labor is pro bono so this entire page is relevant only as part of simulating as if this were a for profit job.
As you consider our proposal, please consider the amount of value you need in the upcoming change in the wireless environment and know that we will be ready to provide you with that value. Thank you for considering our company to consult on how to further your wireless services.

Customer Signature_____________________________  Date____________

Project Lead Signature__________________________  Date____________