

**BOARD OF VISITORS**  
**Research and Technology Committee Meeting**  
**December 10, 2004**  
**President's Conference Room**  
**10:00 a.m. – 11:45 a.m.**

**MINUTES**

Mr. Bobby N. Vassar, Chairman, called the meeting to order at 10:05 a.m. Roll call indicated that a quorum was present.

**Committee Members Present:**

Mr. Bobby N. Vassar, Chairman  
Mr. Howard P. Kern

**Members of NSU Staff Present:**

Dr. Adebisi Oladipupo, Vice President for Research & Technology  
Mr. Terry Stokes, RISE Campus Program Manager, E2F  
Mrs. Paula Shaw, Director, Sponsored Programs  
Ms. Sharon L. Hilliard, Office Manager

**Committee Members Absent:**

Mr. Michael L. Ball

**Other Board Members Present:**

Mrs. Judith Rosenblatt joined at 10:10 a.m.

**1. Approval of Minutes**

Mr. Vassar stated that a quorum was present to approve the May 7, 2004 and September 3, 2004 minutes. Mr. Kern moved to approve the May 7, 2004 minutes, seconded by Mr. Vassar to approve the May 7, 2004 minutes. Mr. Kern moved to approve the September 3, 2004 minutes, seconded by Mr. Vassar to approve the September 3, 2004 minutes.

**2. Discussion Items**

Dr. Oladipupo asked to start with Discussion Items b, c, and d from the agenda. Mr. Terry Stokes will provide the RISE Update (item a) after Dr. Oladipupo's presentation.

In-sourcing the IT Management Services

- ATS Contract ends February 17, 2005
- Official non-renewal notice was served to ATS on November 17, 2004

- Convert positions to Commonwealth of Virginia positions and pay bands by January 2005. There are about 38 positions to transition.
- Cost savings for IT In-sourcing is \$245,000 which will be used to support the position re-alignments and augmentation of staff strength to support new applications.

Mr. Vassar asked if there are any other State rules to consider bringing in IT staff in-house.

Dr. Oladipupo informed Mr. Vassar that there were discussions with VITA and Human Resources to ensure compliance.

#### Student Access to Technology

- Hard-wiring of Residence Hall rooms are progressing well
- Wireless access in Residential Halls ground floors, campus green spaces, and open areas are being implemented
- Networked PC labs and printers are installed or in the process of being installed in each Dorm
- Multi-security layers

Mr. Kern asked if this access is part of Broadband.

Dr. Oladipupo said yes, a very fast Broadband.

Dr. Oladipupo informed the committee about the web registration (Spartan Shield) phase I rolled out on October 25, 2004. Mr. Vassar asked when the final phase of the project to be completed is. Dr. Oladipupo projects a timeline of March 2005.

Dr. Oladipupo informed the committee that a tour of Rosa Alexander Residential Hall will take place after the RISE Update presentation this morning.

#### Sponsored Programs Highlights

Dr. Oladipupo thanked the congressional staff for information assurance and shared with the committee their involvement.

- \$1.2 million plus in FY-05 Defense Appropriations for Information Assurance
- Walter Reed budget for secure wireless project
- Return of overhead incentives
  - PI/PD and Cost-Share : \$186,256
  - Research Initiation: \$95,000 (17 faculty and staff)
  - Reserve and School/Dept (future)

Dr. Oladipupo introduced Mr. Terry Stokes to provide an update on the RISE campus.

Mr. Stokes stated that the RISE SuperNode<sup>sm</sup> was officially activated on October 15, 2004 and is

now supplying NSU's fiber connectivity at OC-3 level (Optical Carrier at 155.52 Mbps).

Mr. Vassar asked if this was NSU's ISP- campus only currently. Dr. Oladipupo stated yes.

Dr. Oladipupo said Dr. McDemmond will present the SuperNode<sup>sm</sup> at the NSF Research Day in January 2005.

Mrs. Judith Rosenblatt asked is there a marketing plan so others know NSU have the SuperNode<sup>sm</sup>.

Mr. Stokes then handed out RISE informational packets to the committee as a tool to reach others about the SuperNode.

### Rise Updates

- E2F/Telcove Agreement
  - o Agreement signed on June 10, 2004
  - o 3-year term with E2F ownership right of fiber after first year
  - o Re-pricing provision on second and third year of term
  - o Capacity upgrade at current rates
- Architecture
  - o Private optical network with ultra high bandwidth capacity
  - o Designed to support bandwidths from DS-1 through OC-192 (10 Gbps)
  - o Redundant connectivity
  - o Reliable backup power
  - o High-level security
- Benefits
  - o Potential regional gateway for National LambdaRail (NLR) & global connectivity
  - o Extensive fiber footprint enables interconnecting HBCU's and MSI
  - o Huge telecommunication savings for NSU
  - o Attraction of high-tech businesses leading to high-wage jobs

Mr. Stokes continued his presentation with an overview of the construction, architectural and engineering companies involved in making the RISE Center happen.

- **Darien Grant**, Turner Construction is overall Project Manager for the construction of the RISE Center. Mr. Grant has 15 years experience with Turner Construction and headed several major projects. Mr. Grant is a graduate of Norfolk State University.
- **George Parker**, Techcon is primary sub-contractor for the RISE Center construction. Mr. Parker has over 31 years of industry experience and is founder and president of Techcon, Inc. Mr. Parker constructed NSU's tennis courts, the

supporting infrastructure for the RISE SuperNode<sup>sm</sup> and has major cliental including current construction of the Virginia Beach Convention Center.

- **Cornell Radford**, Turner Construction is safety engineer for the RISE Center construction. A graduate of Hampton University, Mr. Radford has 6 years of industry experience including serving as Safety Engineer on major projects with Verio Data Center, SunGard Recovery Services and America Online.
- **Willie C. Cooper**, Clark-Nexsen is lead Architect and designer of the RISE Center. Mr. Cooper has over 22 years of industry experience and major projects including senior member of design team for the 2002 Winter Olympics Village Center at the University of Utah. Project earned 2 AIA awards. Mr. Cooper is a native of Chesapeake, Virginia.

#### RISE Center Construction Short-term scheduling

- December 2004
  - o Preliminary and detailed planning in conjunction with A/E firm
  - o Apply for and receive Site Disturbance Permits
  - o Geological surveys
- January 2005
  - o Detailed site preparation
  - o Commencement of relocation of storm drainage facility
- February 2005
  - o Conclusion of site preparation activities
  - o Conclusion of storm drainage relocation
- March 2005 (Spring Break)
  - o Establishing facilities foundation

#### RISE Center Construction Long-term scheduling

- Included in the RFP issued last July, BCOM (Bureau of Capital Outlay Management- agency with State regulatory oversight of this project) included a schedule that called for the commencement of construction in November 2004 with occupancy in January 2006
- This same schedule was reiterated during one-on-one interviews with those contractors the made our short list
- The shortest proposed construction schedule from the 6 firms that responded to the RFP was 14 months and based upon a substantial financial premium
- Construction Manager's current preliminary construction schedule is:
  - o Short-term activities as previously outlined occurring from December 2004 through mid-March 2005
  - o Commencement of establishing building's foundation and exterior structure is mid-March 2005
  - o Construction continuing on for 16 months with completion in July 2006 and occupancy in August 2006

The preliminary schedule above has not gone through detailed project planning and is influenced by a number of pending decisions such as a final determination on whether to build the facility's inner-core with steel, concrete, pre-cast or any combination thereof also available funding for construction and acceleration of the schedule.

RISE Center Construction detailed project planning

- BCOM (Bureau of Capital Outlay Management) has scheduled a Project Planning Workshop for December 15, 2004. This event will be facilitated by representatives of BCOM. The results of this workshop will be used to inform final decisions on construction materials, size of the facility, overall budget and the construction schedule.

### **3. Information**

Dr. Oladipupo asked the committee to consider attending the NSF Research Day at NSU on January 5, 2005.

The committee took a tour of Rosa Alexander Hall student computer lab.

### **4. Adjournment**

There being no further business, the meeting was adjourned at 11:45 a.m.

Respectfully submitted,

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Adebisi Oladipupo, Sc.D.  
Vice President for Research & Technology

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Mr. Bobby N. Vassar, Chairman  
Research & Technology Committee