

AGENDA
THE BOARD OF REGENTS
OF THE UNIVERSITY OF NEBRASKA
Student Center, Central Community College
Grand Island, Nebraska
July 28, 2006
1:00 p.m.

- I. CALL TO ORDER
- II. ROLL CALL
- III. APPROVAL OF MINUTES AND RATIFICATION OF ACTIONS TAKEN ON JUNE 15, 2006
- IV. KUDOS AND RESOLUTIONS
- V. HEARINGS
- VI. PUBLIC COMMENT

The Standing Rules of the Board provide that any person may appear and address the Board of Regents on any item on the agenda for this meeting. Each person will be given up to five minutes to make his or her remarks.

- VII. STRATEGIC OR POLICY ISSUES:
 - A. BRIEF UPDATE ON STRATEGIC FRAMEWORK
- VIII. UNIVERSITY CONSENT AGENDA
 - A. ACADEMIC AFFAIRS
 - 1. President's Personnel Recommendations. Addendum VIII-A-1
 - B. BUSINESS AFFAIRS
 - 1. Approve the reappointment of Howard L. Hawks to serve on the Ak-Sar-Ben Future Trust Board of Directors as the University of Nebraska appointee for a term of two years. Addendum VIII-B-1
- IX. UNIVERSITY ADMINISTRATIVE AGENDA
 - A. ACADEMIC AFFAIRS
 - 1. Approve establishing a College of Public Health at the University of Nebraska Medical Center. Addendum IX-A-1
 - 2. President's Personnel Recommendation. Addendum IX-A-2
 - 3. Approve amendment of RP-5.7.1, Residency Determination for Tuition Purposes. Addendum IX-A-3
 - Additional Item
 - 4. President's Contract of Employment. Addendum IX-A-4

B. BUSINESS AFFAIRS

Central Administration

1. Approve the University of Nebraska Capital Construction Budget Request for the 2007-2009 Biennium. Addendum IX-B-1 Revised
2. Approve the Nebraska College of Technical Agriculture Capital Construction Budget Request for the 2007-2009 Biennium. Addendum IX-B-2
3. Approve the FY 2008 and FY 2009 University of Nebraska Biennial Operating Budget Request. Addendum IX-B-3
4. Approve the FY 2008 and FY 2009 Nebraska College of Technical Agriculture Biennial Operating Budget Request. Addendum IX-B-4
5. Approve the Resolution (1) approving the adoption of a Bond Resolution by the University of Nebraska Facilities Corporation authorizing the issuance of not to exceed \$130,000,000 aggregate principal amount of University of Nebraska Facilities Corporation Deferred Maintenance Bonds, Series 2006, (2) approving and authorizing the execution and delivery of a Financing Agreement, a Continuing Disclosure Agreement, a Tax Compliance Agreement, a Depository and Disposition Agreement, an Inducement Letter, and a Preliminary Official Statement, (3) authorizing the sale of such Bonds at a negotiated sale and authorizing the Vice President for Business and Finance to determine interest rates (not to exceed a true interest cost of 5.0%), principal amounts, principal maturities and redemption provisions of such Bonds, and (4) approving the preparation and use of a Final Official Statement. Addendum IX-B-5

University of Nebraska - Lincoln

6. Approve and accept conveyance of title to the Hewit Place property at 12th and "Q" Streets in Lincoln from the University of Nebraska Foundation. Addendum IX-B-6

Additional Items

University of Nebraska-Lincoln

7. Approve the Greater Nebraska Projects Phase I Program Statement and Budget. Addendum IX-B-7

Central Administration

8. Approve the Program Statement and Budget for the University of Nebraska Student Information System. Addendum IX-B-8

C. FOR INFORMATION ONLY

1. Strategic Framework. Addendum IX-C-1

D. REPORTS

None.

X. ADDITIONAL BUSINESS

VIII. UNIVERSITY CONSENT AGENDA

A. ACADEMIC AFFAIRS

1. President's Personnel Recommendations. Addendum VIII-A-1

B. BUSINESS AFFAIRS

1. Approve the reappointment of Howard L. Hawks to serve on the Ak-Sar-Ben Future Trust Board of Directors as the University of Nebraska appointee for a term of two years. Addendum VIII-B-1

TO: The Board of Regents Addendum VIII-B-1

Business Affairs

MEETING DATE: July 28, 2006

SUBJECT: Ak-Sar-Ben Future Trust Membership

RECOMMENDED ACTION: Approve the reappointment of Howard L. Hawks to serve on the Ak-Sar-Ben Future Trust Board of Directors as the University of Nebraska appointee for a term of two years.

PREVIOUS ACTION: August 7, 2004 – The Board approved the appointment of Howard L. Hawks to serve on the Ak-Sar-Ben Future Trust Board of Directors as a representative of the University of Nebraska for a term of two years.

July 13, 2002 - The Board approved the appointment of Nancy L. O'Brien to serve on the Ak-Sar-Ben Future Trust Board of Directors as a representative of the University of Nebraska for a term of two years.

February 22, 1997 - Pursuant to the Amended and Restated Articles of Incorporation of the Ak-Sar-Ben Future Trust, President L. Dennis Smith appointed and the Board of Regents approved Nancy L. O'Brien to serve on the Future Trust Board of Directors.

EXPLANATION: Howard L. Hawks' appointment to the Ak-Sar-Ben Future Trust Board of Directors expires on August 16, 2006. It is recommended that the Board of Regents approve the reappointment of Howard L. Hawks as the University member of this board for a term of two years.

RECOMMENDED:

James B. Milliken
President

DATE: July 6, 2006

IX. UNIVERSITY ADMINISTRATIVE AGENDA

A. ACADEMIC AFFAIRS

1. Approve establishing a College of Public Health at the University of Nebraska Medical Center. Addendum IX-A-1
2. President's Personnel Recommendation. Addendum IX-A-2
3. Approve amendment of RP-5.7.1, Residency Determination for Tuition Purposes. Addendum IX-A-3

Additional Item

4. President's Contract of Employment. Addendum IX-A-4

B. BUSINESS AFFAIRS

Central Administration

1. Approve the University of Nebraska Capital Construction Budget Request for the 2007-2009 Biennium. Addendum IX-B-1 Revised

University of Nebraska-Lincoln

6. Approve and accept conveyance of title to the Hewit Place property at 12th and “Q” Streets in Lincoln from the University of Nebraska Foundation.
Addendum IX-B-6

Additional Items

University of Nebraska-Lincoln

7. Approve the Greater Nebraska Projects Phase I Program Statement and Budget.
Addendum IX-B-7

Central Administration

8. Approve the Program Statement and Budget for the University of Nebraska Student Information System. Addendum IX-B-8

TO: The Board of Regents Addendum IX-A-1
Academic Affairs

MEETING DATE: July 28, 2006

SUBJECT: College of Public Health at the University of Nebraska Medical Center

RECOMMENDED ACTION: It is recommended that the Board of Regents approve establishing a College of Public Health at University of Nebraska Medical Center.

PREVIOUS ACTION: In May of 2001, the Board of Regents approved the proposal for the joint UNMC/UNO Master of Public Health program.

EXPLANATION: Many critical health-related issues face Nebraska and our country. Among these are emerging and pandemic diseases, chronic health problems, disease prevention, emergency preparedness, an aging population, increased infant mortality and persistent health disparities. These health-related topics all drive an increased need for public health services and trained public health professionals. There is an immediate demand in Nebraska to replenish, increase, and strengthen the public health workforce needed to support a rapidly growing public health infrastructure and the current public health organization of the university must be developed further to fully address these needs.

The establishment of the College of Public Health will focus on these needs by consolidating current resources and aligning new resources in an organizational structure that will most efficiently respond to these needs. It will provide a strong and dynamic unit that will allow it to play a major role in the public health community of our state and the nation. This proposal has wide community support and has been reviewed and approved by the UNMC Chancellors Council, UNMC Faculty Senate and the Council of Academic Officers.

See attachment for the program description.

PROJECT COST: First year - \$325,000
Source – Reallocation of existing resources

SPONSOR: Rubens J. Pamies, M.D.
Vice Chancellor for Academic Affairs

RECOMMENDED: _____
Harold M. Maurer, M.D., Chancellor
University of Nebraska Medical Center

James B. Milliken
President

DATE: June 28, 2006

Proposal for a College of Public Health at UNMC
June 22, 2006

Descriptive Information

- University of Nebraska Medical Center
- College of Public Health (COPH): Master of Public Health (MPH - with concentrations in five knowledge areas basic to public health: health services administration, epidemiology, biostatistics, environmental health science, and social and behavioral science), MS and PhD; joint degrees may be developed with existing UNMC Colleges, including Medicine (MD/MPH) and Nursing (MSN/MPH) as well as professional programs on the other NU campuses (e.g., JD/MPH; MSW/MPH; MBA/MPH). Additional emerging areas for education and research identified by the Institute of Medicine in 2003 and which focus on genomics, informatics, communication, policy & law, global health, veterinary public health and other areas will be developed in collaboration with the other NU campuses over the next few years.
- The UNMC Colleges of Medicine, Dentistry, Pharmacy, Nursing, Graduate Studies and School of Allied Health all have programs whose curricula may include components of public health; however, none has public health as their primary focus beyond the existing MPH. Coursework for the current MPH program is provided jointly with UNO. Additionally, there is potential for collaboration with UNK and UNL on future coursework and programs to be developed jointly.
- As required to meet national accreditation guidelines, the Dean of the UNMC College of Public Health will report directly to the Chancellor of UNMC.
- Date approved by governing board – July 28, 2006
- Proposed date the organizational unit will be initiated – upon final approval

1. Purpose and Context for the School or College

The Institute of Medicine (2002) reaffirmed that the mission of “public health” is *to assure conditions in which all people can be healthy*. The establishment of a College of Public Health at the University of Nebraska Medical Center at the start of a new century and in a post 9-11 world, positions our university to make significant and strategic contributions toward creating such conditions a[(u tions(uTD142 0 T.a5mvers9002 Tw31)u safeguarding the public’s health is a growing local, regional, national and global priority.

The increased need for public health services in Nebraska and trained public health professionals to provide those services is being fueled by many emerging and critical issues including: biosecurity and the need for emergency preparedness for threats to human life and food and water safety; emerging diseases with potential for pandemic scope such as SARS and bird flu; health risks with significant impact and long-term medical costs such as obesity, substance abuse, inadequate prenatal care, and age-related diseases; and persistent health disparities among different populations. These and many other pressing health-related topics that affect whole groups and vulnerable populations rely on public health trained professionals to assess and monitor community health status, provide education, and assure accessible services for disease prevention and health promotion. Moreover, there is need to inform State health policy through rigorous prevention and population-focused research. And there is immediate demand in our State to replenish, increase, and strengthen the public health workforce needed to support a rapidly growing public health infrastructure.

A College of Public Health at the University of Nebraska Medical Center will be designed for the 21st century to address these new challenges, and to meet the necessary accreditation requirements, with

innovation and vision. Consistent with values inherent to the field of public health, the COPH will be interdisciplinary in its approach and rely upon effective collaborations within, across and beyond the campuses of the University of Nebraska. The development of the COPH directly addresses several of the overarching goals of the University of Nebraska's Strategic Framework document (e.g., 1a, 2a, 3a, 4a, and 5a, c, and d) and represents an investment in Nebraska's future (<http://www.nebraska.edu/news/strategicframework2005.pdf>). To achieve excellence and seize opportunities for impact, we will promote significant and mutually beneficial collaboration among the four campuses, especially in the newer areas for public health education and research outlined in a companion 2002 Institute of Medicine report on 21st century public health education (e.g., public health preparedness, law, informatics, and communications). The founding dean of the COPH will develop an appropriate advisory group to facilitate intercampus and external collaboration in newly developing disciplinary areas. As a health sciences discipline, the COPH home will be at the University of Nebraska Medical Center, where most of the primary expertise and resources for the five core knowledge areas reside.

The mission of UNMC is:

“...to improve the health of Nebraska through premier educational programs, innovative research, the highest quality patient care and outreach to underserved populations.”

A College of Public Health (COPH) directly will enhance our ability to accomplish our mission. This would be the first new College at UNMC since the 1968 and the only major academic unit typically associated with a comprehensive health science center not presently part of UNMC. The addition of a College of Public Health fills gaps in the university's ability to educate the complete spectrum of health professionals, conduct prevention-oriented and population-based research, and provide effective outreach

Nationally, there are only 38 accredited Schools or Colleges of Public Health in the nation along with the many free-standing programs of public health like our own. Although some of our neighboring states immediately to the east (IA, MN, MO) have schools, north of Texas and Oklahoma, there are no accredited Schools or Colleges of Public health west of the Missouri river until you reach the Pacific coast (WA, CA). There is an enormous north-central state void in Public Health training programs and opportunities clearly are present to engage in academic collaborative ventures beyond our state borders.

Several ongoing partnerships and relationships in Nebraska will support this College. UNMC has strong ties to our state's Health and Human Services System (HHSS) and to the relatively new local public health agencies established with resources from the Master Tobacco Settlement and to be further supported by general state funds in the coming years. Nebraska is only one of two states in the nation in which the state Public Health Laboratory is housed in the State university system (at UNMC). In a very similar way, the University, but particularly UNMC, has worked extensively with the Nebraska Emergency Management Agency (NEMA) in preparation for possible emergency events in the state. We share the MPH program with UNO and our ability to develop additional graduate programs as part of a single Graduate College for the University will greatly simplify the development of new areas of emphasis as well as doctoral programs. Academic programs and collaborative research centers already developed with UNL such as the graduate Toxicology program, the Nebraska Center for Virology and others are important components of a comprehensive public health program. UNK's education and outreach programs are important for reaching out effectively to all areas of Nebraska. UNMC and Creighton, i

social and behavioral science. We already have many in the first three areas but are lacking in the latter two and new faculty will be sought to meet these requirements and support the mission of the college. Including faculty to support the emerging areas identified by the IOM, we anticipate that at least 3-5 new faculty will be hired each year over three or four years to meet the needs of this effort. Funds will come from several sources including: existing state appropriation to UNMC, Tobacco Settlement Funds, Programs of Excellence Funds allocated to UNMC, federal/non-federal grants/contracts and gift sources.

Physical Facilities: The College of Public Health will initially be housed in existing facilities where the faculty have their current primary academic appointments. Most of this space is in the UNMC Student Life Center, UNMC Annex IV and UNMC/UNO Annex XI (Collaborating Center for Public Health and Community Service) and will continue to be used for the next 2-3 years as the program is developed further. It is intended that these faculty will eventually be housed in a new facility which will be proposed in a separate Program Statement document which will be developed

5. Partnerships with Business.

Establishment of a College of Public Health positions UNMC to strengthen its partnership with the business community in several strategic dimensions.

- § Emergency preparedness: public health law, quarantine, bioterrorism
- § Workforce workplace wellness/population health: education, training, prevention programs, collaborative research – e.g., women in workforce: breastfeeding, prevention of premature birth, tobacco cessation, obesity
- § Agricultural health issues (e.g., water quality, confinement facility safety, grain dust control, zoonoses, meat safety)
- §

Local government: The COPH will work with local public health agencies, especially the new ones established in 2002 to assure a statewide local public health infrastructure, performing consultations, workforce development, professional education, and leadership development. The College will work with Boards of Health and County Commissioners responsible for health policy and oversight and with local school districts wanting to have greater prevention activities and to advance school health.

With the concurrence of the Chancellor, the COPH will encourage philanthropy other investments to improve health and well-being. College faculty will collaborate with non-profit organizations (hospitals, community health and human services agencies, faith-based groups), providing high-quality data for planning, partnering in research and evaluation, and providing health professional with targeted public health training. It will collaborate with Nebraska agriculture to address concerns about environmental and occupational health. Finally, with an anticipated higher level of diversity and cultural competence, COPH faculty will be strongly positioned to work with minority groups and local communities hardest hit by persistent disparities in health risks and outcomes to address these disparities. Several letters of support from external groups are attached.

8. Anticipated Outcomes, Significance, and Specific Measures of Success

Significance: Public Health at the College level will augment the assets and impact of the University of Nebraska Medical Center with education, research and outreach based on a “population approach” to health. The Association of Schools of Public Health has noted (www.asph.org) that “while public health

- Increased service to and collaboration with Nebraska’s communities to assess population health needs and assets, develop evidence-based programs, assure evaluation and accountability, and investigate leading issues.

9. Centrality to Role and Mission of the Institution

UNMC’s mission is to improve the health of Nebraska through premier educational programs, innovative research, the highest quality patient care and outreach to underserved populations. The development of the COPH will enhance the Medical Center’s ability to accomplish this mission. It will allow the university to educate the full spectrum of diverse health professionals, conduct prevention-oriented and population-based research, and provide effective outreach to underserved populations. Having a College of Public Health will establish UNMC as a regional leader in public health. It will encourage the development of undergraduate Public Health programs on the other NU campuses. As the only Public Health College in Nebraska, it will serve as a resource to the citizens of Nebraska and become an effective, pro-active partner with both state and local government, and also with a broad range of community-based health organizations, and our partner academic institutions.

10. Potential for the Program to Contribute to Society and Economic Development

Societal Benefits: It has been described [ASPH] that a well-executed population-based approach to health “assures our drinking and recreational waters are safe, prevents pollution of our air and land through enforcement of regulatory controls and management of hazardous wastes, eradicates life threatening diseases such as smallpox and polio, controls and prevents infectious diseases and outbreaks such as measles, HIV/AIDS, tuberculosis, and the Ebola virus; reduces death and disability due to unintentional injuries through the formulation of policies designed to protect the safety of the public, such as seat belt and worker safety laws. It facilitates

5.

REVENUE	(FY 2006-07) Year 1	(FY 2007-08) Year 2	(FY 2008-09) Year 3	(FY 2009-10) Year 4	(FY 2010-11) Year 5
<i>REALLOCATION OF EXISTING FUNDS¹</i>	325,000	2,828,448	141,422	148,494	155,918
<i>REQUIRED NEW PUBLIC FUNDS²</i>					
1. STATE FUNDS		1,600,000	1,080,000	2,134,000	240,700
2. LOCAL FUNDS					
<i>TUITION AND FEES REVENUES³</i>					
<i>OTHER FUNDING⁴</i>					
1. Federal research an service contracts		1,979,206	98,960	103,908	109,104
2. Other research and service contracts		1,949,221	97,462	102,334	107,451
3. Projected Grant/Contract Income					2,000,000
4.					
5.					
*TOTAL REVENUE	325,000	8,356,875	1,417,844	2,488,736	2,613,173

President's Personnel Recommendations
Meeting Date: July 28, 2006

Addendum IX-A-2

University of Nebraska Medical Center

New Appointment

Jay Noren, Dean (Special), College of Public Health; and Professor (Continuous), Preventive and Societal Medicine, College of Medicine; effective 07/28/06, \$195,000 FY, 1.00 FTE.

TO:

The Board of Regents

Addendum IX-A-3

Academic Affairs

MEETING DATE:

July 28, 2006

SUBJECT:

Amendment of Regents' Policy on Determination of Residency for Tuition Purposes.

RECOMMENDED ACTION:

Approve amendment of RP-5.7.1, Residency Determination for Tuition Pt0wo0 T9.

RP-5.7.1 Residency Determination for Tuition Purposes

1. Preamble

2. Definitions

For the purpose of these regulations, the following definitions shall apply:

- a. Resident Fees shall mean the resident tuition rate set by the Board of Regents applicable to the academic program in which an individual intends to enroll.
- b. Non-Resident Fees shall mean the nonresident tuition rate set by the Board of Regents applicable to the academic program in which an individual intends to enroll.
- c. Legal Age shall be the age of majority set by Nebraska statute.
- d. Emancipated Minor shall mean an individual who by virtue of marriage, financial status, or for other reasons, has become independent of his or her parents or guardians.
- e. The phrase “established a home” shall mean that an individual continuously maintains a primary place of residence in Nebraska where the individual is habitually present.
- f. Legal Residence shall mean the place of domicile or permanent abode as distinguished from temporary residence.
- g. Dependent refers to a person who is claimed as a dependent or an exemption for federal income tax purposes by a parent, guardian, or spouse.

3. Resident Tuition Categories

An individual will qualify as a resident of the State of Nebraska for tuition purposes at the University of Nebraska if, prior to the commencement of the term for which residency is sought, he or she meets the standards set forth in any one of the following twelve categories:

- a. A person of legal age or an emancipated minor who for a period of 12 months has established a home in Nebraska where he or she is habitually present verified by documentary proof that he or she intends to make Nebraska his or her permanent residence.
 - 1) In addition to documentation of occupancy of a home or residence in Nebraska for the previous period of 12 months, intent to make Nebraska a permanent residence may be demonstrated by factors including, but not limited to, the following:
 - a) a current Nebraska driver's license;
 - b) documentation that the individual is registered to vote in Nebraska;
 - c) a current Nebraska automobile registration in the individual's name;
 - d) documentation of individual checking or savings accounts maintained

- with a Nebraska financial institution;
- e) documentation of current employment in Nebraska, and withholding of Nebraska income tax;
 - f) copies of the provisions of an individual's most recent state income tax return indicating a Nebraska taxpayer status.
- 2) An individual who moves to Nebraska primarily to enroll in an institution of higher education of the state is presumed to be a non-resident for tuition purposes for the duration of his or her attendance at the University.
 - 3) An individual claiming Nebraska resident status under this section will not be granted such a determination if he or she has claimed resident status in any other state within 12 months of requesting Nebraska resident status.
- b. A minor whose parent, parents, or guardian have established a home in Nebraska where such parent, parents, or guardian are habitually present with the bona fide intention of making Nebraska their permanent place of residence.
- 1) For the purpose of this section, an individual shall be required to present documentary proof that his or her parent, parents, or guardians have established a home in Nebraska. Such proof shall consist of the following:
 - a) documentation that the parent or guardian has established a home in Nebraska;
 - b) documentation that the individual seeking a resident tuition determination is a dependent for federal income tax purposes of the parent or guardian who has established a home in Nebraska; and
 - c) other supporting documents of the parent or guardian's Nebraska residency including, but not limited to, the following factors:
 - i. a current Nebraska driver's license;
 - ii. documentation that the individual is registered to vote in Nebraska;
 - iii. a current Nebraska automobile registration in the individual's name;
 - iv. documentation of individual checking or savings account maintained with a Nebraska financial institution; or
 - v. documentation of current employment in Nebraska.
 - 2) For purposes of this section, an individual, once enrolled as a resident student, whose parent, parents, or guardian have previously established a

b) is a holder of a permanent resident alien, asylee, or refugee status.

his or her permanent residence, supported by documentary proof as required in section 3a(1) above.

- i. A person who has been enrolled at the University or one of the Nebraska state colleges as a resident student, shall be afforded that privilege during the balance of that and any subsequent enrollments at the University, provided the student is readmitted within a two year time period.
- j. Members of Native American Tribes that are indigenous to or have historically migrated to or from the State of Nebraska.
- k. A person who, because of his or her special talents and skills, was recruited to Nebraska for full-time employment in the state, or was transferred to Nebraska by a business entity, and the spouses or dependents of such person, shall be exempted from the 12-month domicile rule.
- l. A person who has been honorably discharged from the United States armed services shall be exempted from the 12-month domicile rule if he or she is a graduate of a Nebraska high school and has established a home in Nebraska with the intent to make Nebraska a permanent residence demonstrated by documentation as required under section 3 a(1) above.

4. Non-Residents Who Pay Nebraska Income Tax

A person, who resides outside of Nebraska but pays Nebraska income tax, and the spouses or dependents of such person, is entitled to tuition credit upon documented evidence of such payment to the State. The tuition credit granted shall equal the amount of Nebraska income tax paid for the immediately preceding calendar year except that the remaining obligation cannot be less than the amount of the resident tuition.

5. Affidavit

Individuals requesting resident tuition status shall be required to complete a notarized affidavit outlining the reasons under which they believe that they qualify and attesting to the accuracy of their statements. Completion of a falsified affidavit shall subject the individual to possible University disciplinary action.

6. Appeals

An individual who believes that he or she has been incorrectly denied a resident tuition determination may appeal that decision through channels established by the Chancellor of the campus where the adverse decision was made. The decision by the Chancellor or his or her designee shall be final in any such appeals.

7. Severability

If any section of these regulations or any part of any section shall be declared invalid or unconstitutional, such declaration shall not affect the validity or constitutionality of the

remaining portions thereof.

RP5.7.1

TO: The Board of Regents

Academic Affairs

MEETING DATE: July 28, 2006

SUBJECT: President's Contract of Employment

RECOMMENDED ACTION: Approve amendment of the Contract of Employment of James B. Milliken, J.D., as President of the University of Nebraska to extend the term of the contract to July 31, 2010, and approve an increase in annual salary from \$280,800 to \$293,436, FY, effective 7/1/2006.

PREVIOUS ACTION: May 22, 2004 - The Board of Regents approved President Milliken's original Contract of Employment as President of the University of Nebraska, providing a contract term from August 1, 2004 through July 31, 2007.

EXPLANATION: Approval of this agenda item will approve the attached amendment of

**FIRST AMENDMENT TO
CONTRACT OF EMPLOYMENT**

**JAMES B. MILLIKEN, J.D.
PRESIDENT OF THE UNIVERSITY OF NEBRASKA**

THIS FIRST AMENDMENT TO CONTRACT OF EMPLOYMENT is made effective on July 28, 2006, by and between **THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA**, hereinafter referred to as "the Board", and, **JAMES B. MILLIKEN, J.D.**, hereinafter referred to as "President Milliken."

WITNESSETH:

That in accordance with action taken by the Board as recorded in the minutes of the meeting of the Board held on the 28th day of July, 2006, the Board and President Milliken hereby agree to the following First Amendment to President Milliken's Contract of Employment, originally approved by the Board on May 22, 2004.

Section 12 of President Milliken's Contract of Employment provides that the term of said contract may be extended for an additional period or periods of time upon such terms and conditions as may be mutually agreed to by the Board and President Milliken. In accordance with said Section 12 President Milliken's Contract of Employment is hereby amended by extending the term provided in Section 1 of said contract for a period expiring at midnight on the 31st day of July, 2010.

PROJECT COST: \$29,300,000

SOURCE OF FUNDS: State Building Fund

SPONSORS: Rebecca H. Koller
Assistant Vice President for Business & Finance
Director of Facilities Planning and Management

David E. Lechner
Vice President for Business & Finance

RECOMMENDED: _____
James B. Milliken
President

DATE: July 25, 2006

TO: The Board of Regents Addendum IX-B-2
Business Affairs

MEETING DATE: July 28, 2006

SUBJECT: Nebraska College of Technical Agriculture 2007-2009 Biennial Capital Construction Budget Request

RECOMMENDED ACTION: Approve the Nebraska College of Technical Agriculture Construction Budget Request for the 2007-2009 Biennium, which consists of the following project:

§ Proposed Education Center Planning Funds

PREVIOUS ACTION: June 5, 2004 – The Board of Regents approved the Education Center Program Funds as part of the 2005-2007 Capital Budget Request

July 13, 2002 – The Board of Regents approved the Education Center Program Funds as a part of the 2003-2005 Capital Budget Request.

July 15, 2000 – The Board of Regents approved the Education Center Program Funds as part of the 2001-2003 Capital Budget Request.

EXPLANATION: The College’s 2007-2009 Biennial Capital Construction Budget Request is to be submitted to the Governor September 15, 2006.

Planning funds will allow a program statement for the proposed Education Center to be developed. The Education Center will replace the inadequate and deficient facilities which were constructed in the 1930’s. The proposed facility will include Veterinary Technology and Horticulture Systems laboratories, exotic labs, classrooms, conference rooms and offices, as well as provide basic science laboratories, expandable classrooms, computer labs, and a critically needed auditorium.

PROJECT COST: \$55,000

SOURCE OF FUNDS: State Building Fund

SPONSORS: John C. Owens
NU Vice President for Agriculture and Natural Resources
IANR Vice Chancellor

David E. Lechner
Vice President for Business & Finance

RECOMMENDED: _____
James B. Milliken
President

DATE: July 6, 2006

TO: The Board of Regents
Business Affairs

MEETING DATE: July 28, 2006

SUBJECT: FY 2008 and FY 2009 University of Nebraska Biennial Operating Budget Request

RECOMMENDED ACTION: Approve the FY 2008 and FY 2009 University of Nebraska Biennial Operating Budget Request.

PREVIOUS ACTION: April 21, 2006 – The FY 2008 and FY 2009 preliminary estimate of needs were presented to the Board of Regents Business Affairs Committee.

June 15, 2006 – The preliminary FY 2008 and FY 2009 Biennial Operating Budget Request was presented to the Board of Regents Business Affairs Committee.

EXPLANATION: The FY 2008 and FY 2009 Biennial Operating Budget Request is to be submitted to the Governor by September 15, 2006. Preparation of required documents to be submitted to the Governor will begin upon Board of Regents approval of the guidelines.

SPONSORS: Chris Kabourek
Director of Budget

David E. Lechner
Vice President for Business and Finance

RECOMMENDED: _____
James B. Milliken
President

DATE: July 6, 2006

**Unrestricted
State-Aided Less Revolving Budget
(Appropriation, Tuition, Other Cash)**

						4,487,238	2.5%
3,385,344	3,385,344	-	0.0%	3,385,344	-	0.0%	
12,924,893	12,924,893	-	0.0%	12,924,893	-	0.0%	
6,201,594	6,201,594	-	0.0%	6,201,594	-	0.0%	
649,706,930	683,276,125	33,569,195	5.2%	707,163,565	23,887,440	3.5%	
							(d)
410,707,772	410,707,772	TBD - Jan 2007		410,707,772	TBD - Jan 2007		(e)
56,641,587	56,641,587	TBD - Jan 2007		56,641,587	TBD - Jan 2007		(f)
1,000,000	4,000,000	3,000,000	n/a	7,000,000	3,000,000	n/a	(g)
48,019,305	52,821,236	4,801,931	10.0%	58,103,360	5,282,124	10.0%	
516,368,664	524,170,595	7,801,931	1.5%	532,452,719	8,282,124	1.6%	
30,799,332	38,947,134	8,147,802	26.5%	40,419,933	1,472,799	3.8%	(h)
3,569,926	7,486,384	3,916,458	109.7%	8,212,298	725,914	9.7%	
5,200,000	5,200,000	-		-	-		
LB 605 Debt Service	1,628,947	3,380,065	1,751,118	n/a	5,200,000	-	0.0%
New/Renovated Building O&M	1,234,519	2,727,916	1,493,397	n/a	5,174,960	1,794,895	n/a (b)
Subtotals	42,432,724	57,741,499	15,308,775	36.1%	7,008,639	4,280,723	n/a (i)
Continuing Operations	73,962,122	73,793,935	(168,187)	-0.2%	66,015,830	8,274,331	14.3%
Initiatives							
Programs of Excellence (PoE)	13,500,000	16,500,000	3,000,000	22.2%	19,500,000	3,000,000	18.2%
Investing in Nebraska's Future							
· Life Sciences, Public Health, Agriculture							
· Science, Technology, Engineering, Math (K-12, University)							
· Continuing PoE Investments							
Student and Faculty Diversity	5,000,000	6,000,000	1,000,000	20.0%	7,000,000	1,000,000	16.7%
Subtotals	18,500,000	22,500,000	4,000,000	21.6%	26,500,000	4,000,000	17.8%
Estimated Enrollment Management	2,443,420	5,070,096	2,626,676	n/a	7,762,439	2,692,343	n/a (c)
Total Expenditures	653,706,930	683,276,125	29,569,195	4.5%	707,163,565	23,887,440	3.5%
Revenues Less Expenses	(4,000,000)	-	4,000,000	-	-	-	- (g)
State Appropriation Utility Deficit Funding	TBD						(g)
TOTALS	\$ (4,000,000)	\$ -	\$ 4,000,000	-	\$ -	\$ -	- (g)

Notes:

- (++) FY 2007 does not include one-time funding or expenditures related to Mead ARDC remedial investigation/clean-up. Also does not include any one-time carry forward funds from previous fiscal year. FY 2007 budget reclassified to conform to classifications used in FY 2008/FY 2009 presentation.
- (a) No tuition rate increases have been incorporated into the FY 2008/FY 2009 biennial request. Actual tuition rate increases will not be determined until June preceding each of the respective fiscal years.
- (b) Multi-year plan to fund University's estimated \$5.8 million LB 605 debt service match. Proposed funding is a 1% tuition assessment. Note, this same funding mechanism was used to fund the University's match for LB 1100.
- (c) 1.5% enrollment growth included per University strategic framework goals. Resources used to address enrollment growth as well as other priorities.
- (d) Expenditure line items are estimated. Final budget figures may vary from figures noted above.
- (e) Salary increases not provided at this time per DAS budget instructions. Salary requests will be submitted to the Governor in early 2007.
- (f) Corresponding benefits includes retirement contributions, FICA contributions, workers compensation, life insurance contributions and unemployment insurance. Salary increases not provided at this time per DAS budget instructions. Salary requests will be submitted to the Governor in early 2007.
- (g) Multi-year plan to raise the average faculty salary at UNL and UNMC to the peer average.
- (h) \$4 million of utility deficit appropriation was provided in FY 2006. Funding was vetoed by the Governor for FY 2007. Assuming commodity rates remain at levels experienced in 2006, the University projects a utility budget deficit of \$4 million in FY 2007. It is anticipated an additional deficit appropriation funding request will be submitted to help offset these anticipated costs. The above display assumes the \$4 million deficit is not included in the FY 2007 revenue base but is funded in FY 2008. Since the \$4 million is included in the FY 2007 expenditure base, new incremental revenues will exceed expenses by \$4 million in FY 2008.
- (i) New/Renovated Building O&M base budget (prior to FY 2007) distributed between compensation, utility and continuing operations.
- (j) Decrease in FY 2008 reflects removal of \$1 million that was included in the FY 2007 budget for one-time information technology infrastructure needs.

**Total Budget
(All Funds)**

**University of Nebraska (Excluding NCTA)
FY 2008 and FY 2009 Biennial Operating Budget Request**

Total Budget (All Funds) (a)

	FY 2007 Budget**	FY 2008			FY 2009		
		Estimates	Change Amount	%	Estimates	Change Amount	%
REVENUES							
State Appropriations	\$ 452,083,346	\$ 481,274,747	\$ 29,191,401	6.5%	\$ 500,674,949	\$ 19,400,202	4.0%
Net Tuition	171,039,386	171,039,386	-	0.0%	171,039,386	-	0.0% (a)
LB 605 Assessment	1,628,947	3,380,065	1,751,118	1.0%	5,174,960	1,794,895	1.0% (b)
Enrollment Change	2,443,420	5,070,096	2,626,676	1.5%	7,762,439	2,692,343	1.5% (c)
Net Tuition Subtotals	175,111,753	179,489,547	4,377,794	2.5%	183,976,785	4,487,238	2.5%
Student Fees	3,385,344	3,385,344	-	0.0%	3,385,344	-	0.0%
Other Cash	12,924,893	12,924,893	-	0.0%	12,924,893	-	0.0%
Federal Appropriations	6,201,594	6,201,594	-	0.0%	6,201,594	-	0.0%
Designated Cash	65,698,000	68,654,410	2,956,410	4.5%	71,057,314	2,402,904	3.5% (d)
Revolving/Auxiliary Funds	392,498,258	410,160,680	17,662,422	4.5%	424,516,304	14,355,624	3.5% (d)
Restricted Federal Funds	266,891,073	278,901,171	12,010,098	4.5%	288,662,712	9,761,541	3.5% (d)
Restricted Trust Funds	212,820,385	222,397,302	9,576,917	4.5%	230,181,208	7,783,906	3.5% (d)
Total Revenues	1,587,614,646	1,663,389,688	75,775,042	4.8%	1,721,581,103	58,191,415	3.5%
EXPENDITURES (b)							
Compensation							
Salaries	645,395,727	645,395,727	TBD - Jan 2007		645,395,727	TBD - Jan 2007	
Corresponding Benefits	89,156,739	89,156,739	TBD - Jan 2007		89,156,739	TBD - Jan 2007	
Faculty Salary Initiative	1,000,000	4,000,000	3,000,000	n/a	7,000,000	3,000,000	n/a
Health Insurance	79,877,239	87,864,963	7,987,724	10.0%	96,651,459	8,786,496	10.0%
Subtotals	815,429,705	826,417,429	10,987,724	1.3%	838,203,925	11,786,496	1.4%
Facilities & Continuing Operations	757,684,941	814,472,259	56,787,318	7.5%	856,722,128	117,657,332	14.0%

(e)

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Revenues

ASSUMPTIONS

GLOSSARY OF TERMS

UNRESTRICTED EDUCATIONAL AND GENERAL BUDGET

The Educational and General Budget (also referred to as the State-Aided Less Revolving budget) supports the primary instruction, research and public service missions of the University of Nebraska, and is funded from the following items:

State Appropriations - State general tax funds appropriated by the State of Nebraska Executive and Legislative branches.

Net Tuition - The University of Nebraska total gross tuition collections less tuition remission waivers, student refunds, and a small portion of uncollectible gross tuition.

Student Fees - The following student fees are included in the Unrestricted Educational and General Budget:

Application Fees - Includes undergraduate and graduate applications fees.

Registration Processing/Enrollment Services Fees - Partially covers registration expenses and other enrollment services.

Late Payment Fees - Applied to students who are late in paying tuition.

Late Registration Fees - Applied to students who enroll late in classes.

Graduation Processing Fees - Assessed at the end of an academic degree program when the student is ready for graduation.

International Student Fees - Applied for those additional services needed to support international students. Only UNL currently assesses this fee.

Other Cash - The following other income items are included in the Educational and General Budget:

Auxiliary Administrative Service Charge - The amount assessed of auxiliary operations for services provided by campus administrative operations. Only UNL and UNO currently assess administrative service charges.

Cigarette Tax - Funds that are designated by the State of Nebraska for use at UNMC for biomedical research. The amount historically (and currently) is \$500,000 per year.

Endowment Income - Income generated from the lease and/or sale of real estate and land managed by the Board of Educational Lands and Funds. This income is currently generated only at the UNL campus.

Indirect Cost Reimbursement - The administrative overhead amount that is collected on grants and contracts. Per an agreement with the State Executive and Legislative branches, a small portion (\$2.6 million) of the indirect cost reimbursements are included in the general State-Aided Less Revolving budget. The remaining portion is controlled at the campus level and is included in the designated budget.

Investment Income - Interest income earned from cash fund balances held by the State of Nebraska.

Vocational Education Reimbursement/Patent & Royalty Income - Includes funds UNL receives from the Nebraska Department of Education as a vocational education reimbursement and unrestricted patent and royalty income.

Other - Other income from various refunds and assessments such as the UNK Safety Center.

TO: The Board of Regents
Business Affairs

MEETING DATE: July 28, 2006

SUBJECT: FY 2008 and FY 2009 Nebraska College of Technical Agriculture
Biennial Operating Budget Request

RECOMMENDED ACTION: Approve the FY 2008 and FY 2009 Nebraska College of Technical
Agriculture Biennial Operating Budget Request.

PREVIOUS ACTION: April 21, 2006 – The FY 2008 and FY 2009 preliminary estimate of
needs were presented to the Board of Regents Business Affairs
Committee.

June 15, 2006 – The preliminary FY 2008 and FY 2009 Biennial
Operating Budget Request was presented to the Board of Regents
Business Affairs Committee.

EXPLANATION: The FY 2008 and FY 2009 Biennial Operating Budget Request is to be
submitted to the Governor by September 15, 2006. Preparation of
required documents to be submitted to the Governor will begin upon
Board of Regents approval of the guidelines.

SPONSOR: John C. Owens
NU Vice President for Agriculture and Natural Resources
IANR Vice Chancellor

RECOMMENDED: _____
James B. Milliken
President

DATE: July 6, 2006

**Unrestricted
State-Aided Less Revolving Budget
(Appropriation, Tuition, Other Cash)**

**Nebraska College of Technical Agriculture (NCTA)
FY 2008 and FY 2009 Biennial Operating Budget Request**

Unrestricted Budget (State-Aid Less Revolving Funds)

	Current 2007 Budget	2008 Estimate	2008 Assumptions Change		2009 Estimate	2009 Assumptions Change	
			Amount	Percent		Amount	Percent
REVENUES							
State Appropriations	2,402,695	\$ 2,545,225	\$ 142,530	5.9%	\$ 2,594,599	\$ 49,374	1.9%
Net Tuition	632,091	632,091	-	0.0%	632,091	-	

**Total Budget
(All Funds)**

**Nebraska College of Technical Agriculture (NCTA)
FY 2008 and FY 2009 Biennial Operating Budget Request**

Total Budget (All Funds)

	Current 2007 Budget	2008 Assumptions			2009 Assumptions		
		2008 Estimate	Change		2009 Estimate	Change	
			Amount	Percent		Amount	Percent
REVENUES							
State Appropriations	2,402,695	\$ 2,545,225	\$ 142,530	5.9%	\$ 2,594,599	\$ 49,374	1.9%
Net Tuition	632,091	632,091	-	0.0%	632,091	-	0.0% (a)
1.5% Enrollment Growth	9,030	18,647	9,617	1.5%	28,408	9,761	1.5% (b)
Net Tuition Subtotals	641,121	650,738	9,617	1.5%	660,499	9,761	1.5%
Student Fees	4,475	4,475	-	0.0%	4,475	-	0.0%
Revolving/Auxiliary Funds	850,000	892,500	42,500	5.0%	908,565	16,065	1.8% (c)
Total Revenues	3,898,291	4,092,938	194,647	5.0%	4,168,138	75,200	1.8%
EXPENDITURES							
Compensation							
Salaries	1,847,201	1,847,201	TBD - Jan 2007		1,847,201	TBD - Jan 2007	
Corresponding Benefits	276,951	276,951	TBD - Jan 2007		276,951	TBD - Jan 2007	
Health Insurance	329,711	362,682	32,971	10.0%	398,950	36,268	10.0%
Total Compensation	2,453,863	2,486,834	32,971	1.3%	2,523,102	36,268	1.5%
Facilities & Continuing Operations	1,444,428	1,606,104	161,676	11.2%	1,645,036	38,932	2.4%
TOTAL EXPENSES	3,898,291	4,092,938	194,647	5.0%	4,168,138	75,200	1.8%
Revenues Less Expenses	\$ -	\$ -	\$ -		\$ -	\$ -	

Notes:

- (a) No tuition rate increases have been incorporated into the FY 2008/FY 2009 biennial request. Actual tuition rate increases will not be determined until June preceding each of the respective fiscal years.
- (b) 1.5% enrollment growth included per University strategic framework goals. Resources used to address enrollment growth as well as other priorities.
- (c) A 5.0% FY 2008 and 1.8% FY 2009 increase are assumed based on the state-aided less revolving budget expenditure increases. The non state-aided budget increases are provided for planning purposes and will be updated when the FY 2008 and FY 2009 NCTA operating budgets are developed.

ASSUMPTIONS

Revenues

- No changes assumed in tuition rates. Actual tuition rate increases will not be determined until June preceding each of the respective fiscal years.
- A 1.5% enrollment growth has been included per the University's strategic framework goals. These resources will be used to address enrollment growth as well as other priorities.
- All expenditure increases to the state-aided budget are assumed to be funded from state appropriations (excluding the 1.5% enrollment management expenses).
- Non state-aided funds (designated cash, revolving/auxiliary, federal and trust funds) are assumed to grow at the same rate as the state-aided less revolving budget. Increases are provided for planning purposes and will be updated as the FY 2008 and FY 2009 operating budgets are developed.

Expenses

Compensation

- Across-the-board salary and benefit increases are not included in the request per DAS budget instructions. NCTA salary and benefit increase requests are expected to be submitted in January of 2007. The appropriations process will incorporate salary increases following the completion of collective bargaining.
- Health insurance premiums are projected to increase 10% per year during the biennium.

Facilities

- Utility expenses are estimated to increase significantly in the first year of the biennium due to anticipated greater utilization. A formula using historical degree-days is used by NCTA to estimate usage.
- The building depreciation assessment is expected to increase significantly in FY 2008 due to the assessment increasing from 1% to 2% per current statute.

Continuing Operations

- The increase for continuing operations is the same percentage being used by the University (excluding the \$1 million base reduction made to the University's FY 2008 continuing operations budget).

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GLOSSARY OF TERMS

UNRESTRICTED EDUCATIONAL AND GENERAL BUDGET

Aided Less Revolving budget. The remaining portion is controlled at the campus level and is included in the designated budget.

Investment Income - Interest income earned from cash fund balances held by the State of Nebraska.

Vocational Education Reimbursement/Patent & Royalty Income - Includes funds UNL receives from the Nebraska Department of Education as a vocational education reimbursement and unrestricted patent and royalty income.

Other - Other income from various refunds and assessments such as the UNK Safety Center.

Federal Appropriations - Funding identified in the Hatch and Smith-Lever Acts for activities at the Institute of Agriculture and Natural Resources (IANR). The Hatch Act supports Research activity on a project-by-project basis and includes such things as swine breeding and beef physiology. The Smith Lever Act supports Public Service activity, such as extension educators.

TO: The Board of Regents Addendum IX-B-5

Business Affairs

MEETING DATE: July 28, 2006

SUBJECT: Bond Financing for LB 605 Renovation Projects

RECOMMENDED ACTION: Approve the attached Resolution (1) approving the adoption of a Bond Resolution by the University of Nebraska Facilities Corporation authorizing the issuance of not to exceed \$130,000,000 aggregate principal amount of University of Nebraska Facilities Corporation Deferred Maintenance Bonds, Series 2006, (2) approving and authorizing the execution and delivery of a Financing Agreement, a Continuing Disclosure Agreement, a Tax Compliance Agreement, a Depository and Disposition Agreement, an Inducement Letter, and a Preliminary Official Statement, (3) authorizing the sale of such Bonds at a negotiated sale and authorizing the Vice President for Business and Finance to determine interest rates (not to exceed a true interest cost of 5.0%), principal amounts, principal maturities and redemption provisions of such Bonds, and (4) approving the preparation and use of a Final Official Statement.

PREVIOUS ACTION: June 2006 – The Board approved a 1% assessment to meet a portion of the matching requirements of LB 605.

EXPLANATION: Facilities are vitally important in creating a competitive university and greatly enhances the efforts of faculty and staff in meeting the University's teaching, research and outreach missions. State-of-the-art facilities also are key in recruitment and retention of faculty, students and staff. Accordingly, facilities construction, renovation and modernization are strategic priorities of the Board of Regents, the President and all associated with the University.

The Governor and Legislature recognized the need to assist and partner with the University in meeting the facilities challenge, passing and signing LB 605 during the 99th Legislature, Second Session.

LB 605 envisioned issuance of two series of bonds: a series 2006 issue and a series 2009 issue. The proceeds from these issues, estimated at approximately \$175 million, would then be utilized for 17 named building projects across all four campuses of the University system.

The bill commits an appropriation of \$5.5 million commencing in 2009 and continuing for ten years. This will be matched by cash funds generated by the University of \$5.5 million for a similar ten-year period. Additionally, when the current LB 1100 bonds are paid off, the amounts pledged to those bonds will be combined with the foregoing to provide debt service. This will provide an additional \$5.5 and \$5.2 million of State appropriation and University cash funds starting in 2009 and 2010, respectively, continuing through 2020. LB 1100 was the University's first deferred maintenance initiative in 1998.

This item, if approved, will permit the sale of the 2006 bonds and execution of underlying documents.

Members of the public and the news media may obtain a copy of the proposed Resolution, Preliminary Official Statement and other bond documents in the Office of the University Corporation Secretary, 3835 Holdrege Street, Lincoln, Nebraska 68583, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, except University holidays.

PROJECT COST: N/A

SOURCE OF FUNDS: State General Fund and Cash Funds

SPONSORS: Rebecca H. Koller
Assistant Vice President for Business and Finance
Director of Facilities Planning and Management

David E. Lechner
Vice President for Business and Finance

RECOMMENDED:

James B. Milliken
President

DATE: July 6, 2006

TO: Board of Regents Addendum IX-B-6
Business Affairs

MEETING DATE: July 28, 2006

SUBJECT: Conveyance of Hewit Place Property to the University

RECOMMENDED ACTION: Approve and accept conveyance of title to the Hewit Place property at 12th and “Q” Streets in Lincoln from the University of Nebraska Foundation.

PREVIOUS ACTION: September 29, 2000 — The Board of Regents approved a lease agreement with the University of Nebraska Foundation whereby the University leased the Hewit Place for term of five years ending on June 30, 2006.

EXPLANATION: It is proposed that the Regents approve and accept conveyance of title to the Hewit Place property at 12th and “Q” Streets from the University of Nebraska Foundation for nominal consideration. The University has leased this property from the Foundation since July 1, 2001, for a monthly rental of approximately \$3,800. That lease expired on June 30, 2006.

The Hewit Place houses the Lentz Center, the Christlieb Gallery, and the Center for Great Plains Studies. The Hewit Place building has 30,854 square feet.

A Phase I environmental study is being completed. The University will not close on this transfer of title from the Foundation until necessary environmental studies show there are no problems.

SPONSOR: Christine A. Jackson
Vice Chancellor for Business and Finance

RECOMMENDED: _____
Harvey S. Perlman, Chancellor

James B. Milliken
President

DATE: July 5, 2006

TO:

The Board of Regents

Additional Item
Addendum IX-B-7

Business Affairs

MEETING DATE:

July 28, 2006

University of Nebraska-Lincoln (UNL)
Greater Nebraska Projects (GNEP) Phase I
Program Statement

Campus: Institute for Agriculture and Natural Resources Research Facilities at Sidney,
Concord and Mead

Date: July 24, 2006

Prepared by: UNL Facilities Planning

Phone No. (402) 472-3131

1. Introduction

A recent Nebraska Policy Institute study found Nebraska is growing more dependent on agriculture and agribusiness. The study, conducted by Dr. Charles Lamphear, retired head of the UNL's Bureau of Business Research, found that one in three Nebraska jobs is tied to agriculture or agribusiness – up from one in four in 1990.

As an economic engine for the state, the University's agricultural research, teaching and extension education and outreach work is essential to Nebraska's well-being. It is vital to the small farms and ranches, mid-size farms and ranches, and large farms and ranches that make up Nebraska's agricultural base as well as associated agribusinesses and support industries.

The Institute of Agriculture and Natural Resources (IANR) is keenly aware of the importance of size-appropriate research, teaching, and extension education to benefit all Nebraska producers. This request seeks funding for facilities at three research centers across Nebraska. These centers are located as close as possible to the constituents who benefit from their work, and to foster the discovery and education that occurs as constituents and scientists learn from each other, working together to produce this nation's safe and affordable food supply.

The requested facilities are needed to provide the animals appropriate rearing environments and management systems for research, teaching, and extension education. Producers whose farms and ranches are small, mid-sized or large will benefit by becoming as efficient, effective, and competitive as possible in a very competitive world market.

a. **Background and History**

The Greater Nebraska Projects (GNEP) Phase I includes five projects located at the following three research centers:

High Plains Agricultural Laboratory (HPAL) at Sidney

The High Plains Agricultural Laboratory (HPAL) is the only semi-arid, dry-land crop research and extension facility in Nebraska. Located on 2,400 acres, it provides resources for dry-land crop research and cattle grazing studies on crested

wheatgrass pastures. The research done at HPAL is focused on innovative, profitable cropping strategies for western Nebraska. Recent accomplishments include the development of alternative crops such as brown mustard, canola, and camelina for new bioproducts, and the establishment of new crop rotations to increase marketing alternatives and improve weed control. This lab supports the work of the only proso millet breeder in the United States and the only research program on wheat curl mite/wheat streak mosaic virus, a serious pest for wheat production. New wheat varieties include the hard white wheat which has significant international market potential and other lines that are tolerant to wheat streak mosaic virus.

The HPAL facility is situated on the former Sioux Army Munitions Depot site. The research buildings, constructed by the military in the 1940s, are solid concrete and are very inflexible. Modifications to meet modern day needs and current building and life safety codes are very costly.

Northeast Research and Extension Center (NEREC) at Concord

A grassroots effort starting in the mid-1940s seeking land for agriculture research in northeast Nebraska culminated in a ha

Nebraska with low cost input and minimal capitol investment. Reduced feed costs and use of existing facilities can be coupled to this end.

The ARDC Swine Research Facilities directly support the University of Nebraska's Strategic Plan by providing space, animals, and equipment for research in swine nutrition and digestive tract health, quantitative and molecular genetics, reproductive physiology, meat science, swine management, and waste management/environmental issues. The facilities also provide animals for use in biomedical research conducted by the UNL Department of Veterinary and Biomedical Sciences and by the University of Nebraska Medical Center, and support the Animal Science teaching program by providing animals for several classes. Research addresses basic biological issues and size-appropriate applications aimed at improving efficiency of Nebraska's small through large size swine operations and, as applicable, the quality of life in rural Nebraska. It is the primary site for research projects of four Animal Science faculty and 10 to 12 graduate and undergraduate students per year. Collaborators include faculty in Biological Systems Engineering and Veterinary and Biomedical Sciences. Additional collaborations with faculty in other departments such as Agricultural Economics are anticipated. The site contains several buildings, plus 12 hoop structures in outside finishing lots.

The swine industry in Nebraska is at a crossroads. Currently swine are born in Nebraska, sent to neighboring states to feed to slaughter weight, and then returned to Nebraska for slaughter. This scenario has decreased farm income by millions of dollars over the past few years, adding to the economic problems of rural Nebraska. As the packing industry invests in new facilities, it is likely they will move to where the slaughter pigs are, if the current trend continues. If this occurs the swine breeding industry may relocate to neighboring states as well. Nebraska must provide assistance to swine producers of all sizes in order to address and help reverse this trend. Relevant, research-based information unique to Nebraska must be generated and transferred to the public via Cooperative Extension to support the swine industry. Construction of facilities that allow research to be conducted for the alternative methods that concentrate on the smaller niche market will give faculty the flexibility to work cooperatively with all swine producers in the State to ensure the industry thrives economically and in a manner that protects the natural resources of Nebraska. These facilities support and enhance the Nebraska Model for Pork Production and keep Nebraska from following failed models in other states.

b. Project Description

**High Plains Agricultural Laboratory (HPAL) at Sidney
Construct Headquarters/Teaching Facility**

The High Plains Agricultural Laboratory at Sidney, Nebraska, has evolved into a

world-class dry-land crop research and extension venue. Field-based research projects (alternative crop development, variety improvement, pest management, tillage, herbicide evaluation, cropping systems) are well supported. However, HPAL is currently unable to add an on-site laboratory or deliver in-depth educational programs because no facility is available. Educational programs are provided under tents or in the shop building, which are unsuitable for educational purposes. Office space is in an old military building that has plumbing and odor problems. There are no research laboratories at the facility except for a small seed-cleaning laboratory. There is significant potential for large-scale educational events at this location such as the annual Crop Management School, as well as regional conferences on topics such as organic crop production, conservation tillage, alternative crops, etc. To effectively add value to this resource, a modern education, office, and laboratory facility is needed and will be constructed as the HPAL headquarters and teaching facility. The facility will provide office space for technicians, graduate students, and visiting research faculty, meeting room space, and research laboratory space.

Northeast Research and Extension Center (NEREC) at Concord

Renovate Haskell Building

The primary objective at this site is to correct deferred maintenance items that include: structural deficiencies, ADA access and restrooms, replacing windows for energy efficiency, and addressing building codes and life safety. Incidental renovations include: remodeling laboratories, upgrading the auditorium and kitchen, creating a library/conference room, and paving.

Replacement of “Modified Open Front” (MOF) Swine Buildings

This project will replace two “modified open front” (MOF) structures with a new 150-head wean-to-finish unit designed to meet the research needs of alternative swine producers. The facility will provide the flexibility to study size-appropriate needs of Nebraska swine producers. The size of the structure is designed for control groups to give statistical validity to the research. This project will also include badly needed renovation and expansion of the existing water supply system for the entire swine facility.

Agricultural Research and Development Center (ARDC) at Mead

Dairy Unit and Milking Parlor

This project will replace the existing Dairy Research Unit with a modern facility designed to be flexible to meet the size-appropriate research needs of Nebraska’s dairy industry. New facilities will include a milking parlor; calving, loafing and nutrition barn; and new feed storage buildings in a comprehensive complex designed to expand and enhance research projects benefiting all Nebraska dairy producers. Spaces for offices, locker rooms, laboratory and storage will be included. Facilities will be designed to address waste management/environmental

issues to meet Department of Environmental Quality (DEQ) regulations. The existing Nutrition Barn and the free-stall hoop structure, located near the current feed storage facility, will be converted to a new Dairy Heifer Housing Facility to be used in conjunction with pasture-managed animals to support alternative management systems

Replacement of Swine Buildings

This project will replace the existing swine facilities with a modern 850-sow farrow-to-finish facility designed to meet the research needs of the swine producers. The facility will provide the flexibility to study size-appropriate needs of Nebraska swine producers. Facilities will include building space for breeding and gestation, farrowing, nursery finishing to market weight, and a special-use building for intensive research projects. Spaces for offices, technology center, laboratory, animal handling, data collection, and storage will be included. Facilities will be designed to address waste management/environmental issues faced by Nebraska swine producers.

The Alternative Swine Production Systems Research will require a separate, segregated area for a “no antibiotic” or “natural” rearing systems research. This area will consist of a separate hoop structure with fencing of contiguous pasture land or open area.

c. Purpose and Objectives

High Plains Agricultural Laboratory (HPAL) at Sidney Construct Headquarters/Teaching Facility

The primary objective of this project is to build a new facility that will greatly enhance research and extension capabilities to serve the south Panhandle and the three-state region. The facility will provide office space for technicians, graduate students, and visiting research faculty, meeting room space, and research laboratory space. Its modern, up-to-date design and equipment will accommodate research needs and project a feeling of welcome and openness to the community drawn to the facility for extension education functions.

Northeast Research and Extension Center (NEREC) at Concord

Renovate Haskell Building

The primary objective of this project is to bring the building up to current building and life safety codes, rectify structural deficiencies, and correct deferred maintenance items. In addition, the renovation will correct the deficiencies of out-of-date laboratory and office spaces, and correct minor programmatic deficiencies. Programmatic updates will include correcting a lack of suitable space for technical support, equipment, and sample processing/laboratory analysis; and correcting a lack of conferencing and public meeting facilities for networking and outreach activities. This building is nearly 50 years old and was

not designed to meet the current needs of the faculty or their clientele in the programming areas of agriculture, natural resources, family, community, and youth.

Replacement of MOF Swine Buildings

The objective of these modifications to the existing swine complex is for planned

alternative production systems and enhancing the fatty acid(omega-3)/nutritional composition of pork through use of dietary manipulations in alternative production systems. These facilities will provide an excellent venue for training undergraduate and graduate students. The scale of the facilities will be suited for fundamental and applied research relevant to swine producers whose scale of production ranges from small to large.

Another goal is to make the new facility compatible with advances in technology, especially electronic data capture and use of technology to control the animal environment. It is very costly to install and effectively use such technology in the current facility.

2. Justification of the Project

- a. Data which supports the funding request

High Plains Agricultural Laboratory (HPAL) at Sidney Construct Headquarters/Teaching Facility

The existing HPAL headquarters building, over 60 years old, was built as a structure to load munitions. The building is constructed of heavily reinforced concrete, making modifications costly and difficult. This structure has very little insulation and therefore is not energy efficient. Most of the building's infrastructure, plumbing and electrical, is as old as the building and beyond its serviceable life. Odor problems, believed to be from the plumbing system, provide an uncomfortable and potentially unsafe environment. The building's main floor is approximately four feet above finish grade, making the building completely inaccessible for individuals with disabilities. Educational programs currently are held in the shop area, which is not an environment conducive to effective learning and group interaction.

Northeast Research and Extension Center (NEREC) at Concord Renovate Haskell Building

The Haskell Building was completed in 1964 and has had minimal improvements since then. Accessibility is limited, it is difficult to renovate cost-effectively, and it is not organized well.

Minor related renovation work should be done in connection with deferred maintenance work. This minor remodeling work consists primarily of converting two offices to a badly needed conference room, upgrading the auditorium to be more functional for public and University use, and updating existing laboratories and work areas. Other deficiencies include: lack of an accessible second floor, inaccessible restrooms and emergency egress.

Replacement of MOF Swine Buildings

The current NEREC Swine Research facilities are outdated. Both of the existing

facilities are recognized worldwide for their research contributions. Their research is hampered by not having up-to-date facilities for their work.

Office and laboratory space could be acquired in Sidney, Nebraska, but the distance makes this arrangement difficult. Our HPAL Manager and all of our research technicians conduct much of their work on-site and need ready access to the office, shop, laboratory and field. We have considered retrofitting an area of our shop or machinery storage buildings for laboratory space. The major problem is that both of these buildings are also old, making such an investment questionable.

From an education perspective, a small number of venues in Sidney, Nebraska could accommodate HPAL needs. These venues are located eight miles from HPAL and are not conducive to the integrated classroom/field experiences that are a hallmark of our extension education programs.

Northeast Research and Extension Center (NEREC) at Concord

Renovate Haskell Building

existing facility. However, such a strategy does not address the inadequacy of current facilities to meet the research needs of Nebraska’s modern producers.

Replacement of Swine Buildings

Since initial construction, the current facility has been maintained well and has lasted beyond industry expectations. Roofs have been replaced, several concrete walls have been refurbished, ventilation has been completely redesigned and replaced, and other major maintenance projects have been accomplished. The alternative to replacing the current facility is to continue using the building. However, such a strategy does not address the inadequacy of current facilities to meet the necessary research needs of Nebraska’s pork producers. Scientists doing research in these facilities are recognized worldwide for their research contributions. In order to continue with the existing facility, a large investment would need to be made to bring the waste management systems into DEQ compliance and to correct various structural problems.

3. Location and Site Considerations

- a. County

High Plains Agricultural Laboratory (HPAL) at Sidney
Cheyenne

Northeast Research and Extension Center (NEREC) at Concord
Dixon

Agricultural Research and Development Center (ARDC) at Mead
Saunders

- b. Town or campus

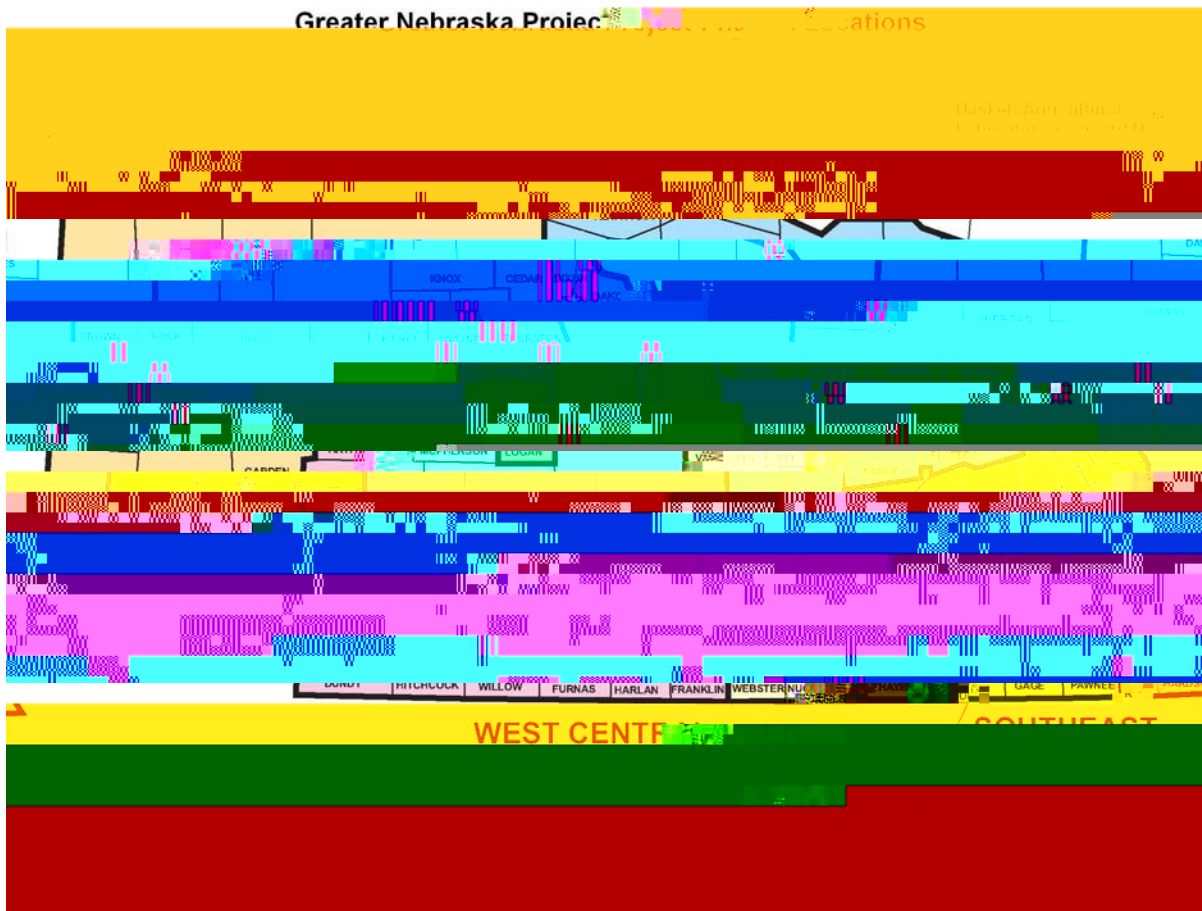
High Plains Agricultural Laboratory (HPAL) at Sidney
Construct Headquarters/Teaching Facility

Northeast Research and Extension Center (NEREC) at Concord
Renovate Haskell Building

Agricultural Research and Development Center (ARDC) at Mead
Dairy Unit and Milking Parlor
Replacement of Swine Buildings

c. Proposed site

Figure 1 Campus Site Location



d. Statewide building inventory

This requirement applies only to existing buildings that will be renovated. The only existing building is the Haskell Center at the Northeast Research and Extension Center at Concord. The building inventory number is: 51ZZ061100B.

e. Influence of project on existing site conditions

High Plains Agricultural Laboratory (HPAL) at Sidney

(1) Relationship to neighbors and environment

The project will have minimal impact on or from neighbors. The closest business is an adjacent railcar maintenance facility adjoining UNL property to the west.

(2) Utilities

Electricity is supplied to adjacent shop and machinery storage buildings. Water is provided by well. A new well may be needed to supply the facility. An option is city water located approximately 0.5 miles south of the proposed site. Natural gas is available for heating and/or air conditioning. A septic and drain field system is needed for waste disposal. Office and laboratory trash is removed by the City of Sidney.

(3) Parking and circulation

Current access is an older asphalt road deteriorated by railcar maintenance facility use. There is adequate space for parking in the vicinity, although the parking area needs upgrading to be suitable for public use.

**Northeast Research and Extension Center (NEREC) at Concord
Renovate Haskell Building**

(1) Relationship to neighbors and environment

The majority of the work planned for this project is interior to the building. There will be little, if any, impact on the surrounding neighbors or environment.

(2) Utilities

The majority of the work planned for this project is interior to the building. There will be little, if any, impact on the existing utilities.

(3) Parking and circulation

The majority of the work planned for this project is interior to the building. There will be little, if any, impact on the existing parking and circulation.

“(a) Support economic growth, health and quality of life through policy initiatives consistent with university mission.”

“(c) Connect Nebraska cities, institutions, regions and communities through university programs.”

b. UNL Campus Master Plan

The IANR Research and Extension Centers are not addressed in the 2006 UNL Campus Master Plan Revision.

c. Statewide Comprehensive Capital Facilities Plan

The Comprehensive Statewide Plan for Postsecondary Education in Nebraska (revised August 2005) is developed by the Coordinating Commission for Postsecondary Education (CCPE). Chapter 6 – Statewide Facilities Plan includes the following Major Statewide Goal:

“Nebraskans will advocate a physical environment for each of the state’s postsecondary institutions that supports its role and mission; is well-utilized and effectively accommodates space needs; is safe, accessible, cost-effective, and well- maintained; and is sufficiently flexible to adapt to future changes in programs and technologies.”

These projects support the three missions of UNL: teaching, research and outreach. In addition, the proposed new headquarters building will be safe, accessible, cost-effective and adaptive to future needs.

5. Analysis of Existing Facilities

a. Functions/purpose of existing programs as they relate to the proposed project

High Plains Agricultural Laboratory (HPAL) at Sidney

The primary function of the HPAL is to support a regional research and extension education program with participation from Nebraska, Colorado, and Wyoming. Primary research focus is on dry land crops with genetic improvement, cropping systems, pest management, and economics. Secondary research focus is on beef cattle production with forage utilization, supplementation strategies, and management options emphasized. Research is presented at two Field Days (June and August) plus the HPAL Advisory Committee meeting in February. In addition, a Crop Management School is held every year at this location. Meeting room components for these activities currently must be held in Sidney, Nebraska.

of Nebraska producers is important to IANR.

- b. Square footage of existing areas
See tables under 6.b.(3).
- c. Utilization of existing space by facility, room, and/or function
See tables under 6.b.(3).
- d. Physical deficiencies

High Plains Agricultural Laboratory (HPAL) at Sidney

The existing HPAL has serious deficiencies for meeting the research needs of today’s agriculture industry, as well as important outreach and extension education needs. Deficiencies include:

- Restrooms and building access areas do not meet ADA requirements.
- Access to the main level does not meet ADA requirements.
- Location of egress doors and paths of building egress may not be adequate.
- Inappropriate office space and inadequate meeting space.
- The electrical system does not meet current codes.
- Inadequate office facility/computer work area and technician break areas.
- No laboratory space for research.
- No meeting space to conduct much-needed extension education programs.

**Northeast Research and Extension Center (NEREC) at Concord
Renovate Haskell Building**

The existing Haskell Building has deficiencies for meeting the research needs of today’s agriculture industry. Deficiencies include:

- Structural deficiencies to the main building, including the main entrance bridge and the bridge exiting from the far building exit.
- Lack of ADA accessibility to the upper floor and restrooms.
- Inefficient single pane windows.
- Outdated laboratories.
- Instructional and meeting space that lacks basic instructional technology support.
- Paving that inhibits access to the building.
- Building code and life safety compliance.

Replacement of MOF Swine Buildings

The existing NEREC modified open front Swine Facilities have several deficiencies for meeting the research need

Nebraska swine producers. Examples of major deterioration and repair include:

- Outdated configuration for current research.
- Structural deficiencies to building walls and foundation.
- Breakage of concrete supports around gating.
- Concrete in floors/gutters in several areas is eroding and needs replacement.

Agricultural Research and Development Center (ARDC) at Mead Dairy Unit and Milking Parlor

The existing ARDC Dairy Research Unit Facilities have several deficiencies for meeting the research needs of today’s dairy industry. Deficiencies include:

- Lack of flexibility; the current facility is small and houses approximately 130 mature cattle. It is common today for larger producers to have 360 or more cows per site.
- Most dairy facilities are depreciated over 15 to 20 years. Functional facilities that are over 40 years old are rare, and not representative of what current dairies face. Examples of major deterioration and repair needs include:
 - Water infiltration into the building because the existing site is very low.
 - No handicap accessibility to the viewing area.
 - No handicap-accessible restrooms.
 - No handicap accessibility into the building.
 -
 -

sow's feed requirements and space needs can be met. Such management is not possible in the current facilities.

- Most swine facilities are depreciated over 15 to 20 years. Functional facilities that are 30 years old are rare, and not representative of those used by current Nebraska swine producers. Examples of major deterioration and repair include:
 - Bowing concrete end-walls in Phase 3 finishing houses.
 - Sagging roofs in finishing houses.
 - Settling of sand under floors in Phase 1.
 - Erosion of concrete from flush gutters causes blockage of sewer lines.
 - Rotting window sills.
 - Failure of roofs on all buildings.
 - Breakage of concrete supports around gating.
 - Concrete in floors/gutters in several areas is eroding and needs replacement.
 - Inadequate ventilation.
- Most restrooms and building access areas do not meet ADA requirements.
- Inappropriate location of egress doors and inadequate paths of building egress.
- Inadequate office, meeting, and educational space.
- The existing electrical system does not meet current codes.
- Inadequate office facility/computer work area and technician break areas.
- Outdated surgical areas which do not meet IACUC standards.
- Inadequate laboratory space for molecular biology research.

e. Programmatic deficiencies

High Plains Agricultural Laboratory (HPAL) at Sidney

The programs are limited by facility conditions and capabilities.

Many faculty have national and international reputations, and additional and more in-depth research are essential to maintain these reputations. Faculty needs the physical infrastructure to engage in this discovery and outreach.

**Northeast Research and Extension Center (NEREC) at Concord
Renovate Haskell Building**

The programs are limited by facility conditions and capabilities.

**Agricultural Research and Development Center (ARDC) at Mead
Dairy Unit and Milking Parlor**

Facilities are inadequate for the training and teaching of Animal Science students, both undergraduate and graduate, as well as affording adequate training for the new UNL/Iowa State University Veterinary program. New facilities are needed

(1) Square footage by individual areas and/or functions
See tables under 6.b.(3)

(2) Basis for square footage/planning parameters

High Plains Agricultural Laboratory (HPAL) at Sidney

University of Nebraska Space Guidelines - 1987

A new HPAL headquarters building will have more efficient office and laboratory spaces. In addition, there will be the need for a large meeting room to accommodate extension education functions.

**Northeast Research and Extension Center (NEREC) at Concord
Renovate Haskell Building**

University of Nebraska Space Guidelines – 1987

Replacement of MOF Swine Buildings

Swine Health Management: evaluation of housing and Environmental Adequacy, 1994

Pork Handbook (PIH-55): Space requirements for swine

**Agricultural Research and Development Center (ARDC) at Mead
Dairy Unit and Milking Parlor**

University of Nebraska Space Guideline – 1987

MWPA – Midwest Dairy Plans – regional publication

Replacement of Swine Buildings

University of Nebraska Space Guidelines – 1987

Space requirements for commercial production of pigs: adapted from Bodman and Veenhuisen

Swine Health Management: evaluation of housing and Environmental Adequacy, 1994

Pork Handbook (PIH-55): Space requirements for swine

(3) Square footage difference between existing and proposed areas

High Plains Agricultural Laboratory (HPAL) at Sidney

Space Use Category	Space Use Name	Proposed NSF	Existing NSF	Difference
200	Laboratories			
250	Research labs	800	870	
255	Research lab service	1,250	1,007	
	Category 200 Totals	2,050	1,877	173
300	Office & Administration			
310	Offices	1,176	1,868	
315	Office service	448	252	
350	Conference rooms	800	220	
	Category 300 Totals	2,424	2,340	84
600	General Use Facilities			
680	Meeting room	1,800	0	
690	Meeting room service	200	0	
	Category 600 Totals	2,000	0	2,000
	Total Assigned SF	6,474	4,217	2,257
	Total Gross SF	8,100	4,746	3,354

**Dairy Unit and Milking Parlor
Space Use**

Category	Space Use Name	Proposed NSF	Existing NSF	Difference
200	Laboratories			

Replacement of Swine Buildings

Space Use

Category	Space Use Name	Proposed NSF	Existing NSF	Difference
200	Laboratories			
250	Research labs	1,500	400	
255	Research lab service	600	0	
	Category 200 Totals	2,100	400	1,700
300	Office & Administration			
310	Offices	1,200	800	
315	Office service	120	0	
	Category 300 Totals	1,320	800	520
500	Special Use Functions			

- (1) Reutilization and function(s)
Not applicable
- (2) Demolition
Not applicable
- (3) Renovation
This renovation will be phased to enable the occupants to remain in the building during construction.

Replacement of MOF Swine Buildings

- (1) Reutilization and function(s)
Not applicable
- (2) Demolition
The existing MOF swine facilities will be demolished.
- (3) Renovation
Not applicable

Agricultural Research and Development Center (ARDC) at Mead Dairy Unit and Milking Parlor

- (1) Reutilization and function(s)
Existing cattle housing facilities may be reused to house non-lactating young stock. These facilities will be needed to provide space and support a projected growth in the number of cattle in the dairy research program. Use of these facilities will be dependent upon a structural analysis of the soundness of these structures.
- (2) Demolition
The existing milking parlor will be demolished along with the old silo and grain harvestore (upright air-limiting silo that holds high-moisture corn). Additional existing animal housing facilities may be demolished depending upon the outcome of structural analysis.
- (3) Renovation
Not applicable

Replacement of Swine Buildings

- (1) Reutilization and function(s)
Not applicable
- (2) Demolition
The existing swine facilities will be demolished.
- (3) Renovation

Not applicable

7. Equipment Requirements

- a. List of available equipment for reuse

All the projects will reuse the existing equipment.

- b. Additional equipment

Three projects include funds for additional equipment. The new facility at HPAL has an equipment budget of \$50,000. The replacement of the swine buildings at NEREC has an equipment budget of \$75,000 and the ARDC swine facility has an equipment budget of \$400,000. A list of the equipment to be purchased will be developed during the design phase.

8. Special Design Considerations

High Plains Agricultural Laboratory (HPAL) at Sidney

- a. Construction Type

The building will be designed in accordance with the International Building Code and will be classified as a construction type 2-B, non-combustible, non-protected building. Construction will comply with UNL Design Guidelines for Facilities Construction and all other applicable building codes.

- b. Heating and cooling systems

The details of the heating, ventilation and air conditioning (HVAC) system for the building will be determined during the design phase of the project. The building will be conditioned to approximately 70 to 75 degrees year round.

- c. Life Safety/ADA

The building addition will be equipped with a fire alarm system and include audio/visual evacuation signals. The project will meet all life safety code requirements as well as the requirements of the Americans with Disabilities Act.

- d. Security

There will be no special security systems installed in the building.

- e. Historic or architectural significance

Not applicable

- f. Artwork (for applicable projects)
Not applicable.
- g. Phasing
Not applicable
- h. Future expansion
Not applicable

**Northeast Research and Extension Center (NEREC) at Concord
Renovate Haskell Building**

- a. Construction Type

The building will be designed in accordance with the International Building Code and will be classified as a construction type 2-B, non-combustible, non-protected building. Construction will also comply with UNL Design Guidelines for Facilities Construction and all other applicable building codes.

- b. Heating and cooling systems
Not applicable

- c. Life Safety/ADA

The building addition will be equipped with a fire alarm system and include audio/visual evacuation signals. The project will meet all life safety code requirements as well as the requirements of the Americans with Disabilities Act.

- d. Security
Not applicable

- e. Historic or architectural significance
Not applicable

- f. Artwork (for applicable projects)
Not applicable

- g. Phasing
Not applicable

- h. Future expansion

Not applicable

Replacement of MOF Swine Buildings

a. Construction Type

The building will be designed in accordance with the International Building Code and will be classified as a construction type 2-B, non-combustible, non-protected

Construction and all other applicable building codes.

b. Heating and cooling systems

The details of the heating, ventilation and air conditioning (HVAC) system for the building will be determined during the design phase of the project. The office portion building will be conditioned to approximately 70 to 75 degrees year round. The animal quarters will not be conditioned.

c. Life Safety/ADA

The building addition will be equipped with a fire alarm system and include audio/visual evacuation signals. The project will meet all life safety code requirements as well as the requirements of the Americans with Disabilities Act.

d. Security

The dairy program is not doing research in this area that will require security measures which go beyond those currently implemented by the ARDC.

e. Historic or architectural significance
Not applicable

f. Artwork (for applicable projects)
Not applicable

g. Phasing
Not applicable

The details of the heating, ventilation and air conditioning (HVAC) system for the building will be determined during the design phase of the project. The laboratory and office portion building will be conditioned to approximately 70 to 75 degrees year round. A sophisticated HVAC monitoring system will control the animal quarters.

c. Life Safety/ADA

The building addition will be equipped with a fire alarm system and include audio/visual evacuation signals. The project will meet all life safety code requirements as well as the requirements of the Americans with Disabilities Act.

d. Security

A security fence will be built around the en

The estimated cost of construction was developed by the construction data from Marshall and Swift.

Replacement of MOF Swine Buildings

The estimated cost of construction was developed by the construction data from Marshall and Swift.

Agricultural Research and Development Center (ARDC) at Mead Dairy Unit and Milking Parlor

The estimated cost of construction was developed by the construction data from Marshall and Swift.

Replacement of Swine Buildings

The estimated cost of construction was developed by the construction data from Marshall and Swift.

- (2) Identify the year and month on which the estimates are made and the inflation factors used

The estimate was prepared in February 2006 and was inflated to a mid-point of construction as of July 2008. The rate of inflation used to calculate the budget was 5 per cent.

- (3) Gross and net square feet

Gross square feet	343,888
Net square feet	305,888

- (4) Total project cost per gross square foot \$41.58
- Construction cost per gross square foot \$35.84

b.	Total project cost	\$14,300,000
c.	Construction cost	\$12,325,050
d.	Non-construction cost	\$1,974,950

The detail budget for the combined project is as follows:

Probable Construction Costs

Construction Costs			Total
552305	General Contractor	\$ 11,114,050	
552306	Other Construction Contracts		
552307	Other Construction Contracts		
552308	Other Construction Contracts		
552311	Other Construction Contracts		
552332	Environmental Remediation/Asbestos Abatement		
552333	Relocation Construction		
552309	Contractor Renovation		
552310	Utilities Contractor		
552312	In House Labor		
552313	In House Material		
552334	Other Construction	\$ 88,000	
552317	Carpet(Installed outside of General Construction Contract)		
552335	Risk Management (OCIP)		

- (1) Estimated additional operational and maintenance costs per year:
\$28,384
- (2) Estimated additional programmatic costs per year
No additional programmatic costs are expected. Additional research opportunities will be financed by grant revenue from commodity boards, companies, and government. Extension education programs are financed on a cost-recovery basis by charging participation fees.

**Northeast Research and Extension Center (NEREC) at Concord
Renovate Haskell Building**

- (1) Estimated additional operational and maintenance costs per year:
\$15,400
- (2) Estimated additional programmatic costs per year
Renovated facilities may offer enhanced programs which might lead to the potential of additional revenue streams. At this time it is not possible to estimate.

**Agricultural Research and Development Center (ARDC) at Mead
Dairy Unit and Milking Parlor**

- (1) Estimated additional operational and maintenance costs per year:
\$126,528
- (2) Estimated additional programmatic costs per year
The additional number of dairy cattle proposed at the dairy unit, rising from 130 to 360 head of milking cattle (see Section 5 for explanation of this increase), will necessitate an increase in the number of employees by four, from seven ($140/7 = 20$ cows for employee) to 11 ($360/11 = 32.72$ cows per employee). By increasing the number of cows per employee, the use of labor will become more efficient.

This increase in labor efficiency will be enhanced with more modern and larger facilities that can hold a greater number of cows. Feed expenses also will increase due to an increase in cow numbers, but this increase will be offset by greater milk productions and an estimated 10 percent increase in production, going from the current 72 lbs. per cow per day to 80 lbs. per cow per day. Current production is approximately 23,000 lbs. per cow per year, with a state average of 18,000 pounds per year. The anticipated production should be near 25,000 pounds per cow per year under the more modern and efficient operation.

Replacement of Swine Buildings

- (1) Estimated additional operational and maintenance costs per year:
\$194,992

- (2) Estimated additional programmatic costs per year
 We do not expect additional programmatic costs. Additional research opportunities will be financed by grant revenue from commodity boards, companies and government.

- f. Applicable building renewal assessment charges

\$286,000

10. Funding

- a. Total funds required

\$14,300,000

- b. Project Funding Source

The University is seeking funding from the state as a part of the 2007-09 Capital Construction Budget Request.

- c. Fiscal year expenditures for project duration

FY 2007-2008	\$5,901,000
FY 2008-2009	\$8,399,000

11. Time Line

Start Programming	May 30, 2006
Approval of Aesthetic Review Committee	June 21, 2006
Approval of Project Initiation Request of Academic Planning Committee	June 26, 2006
Program Statement to UNCA	June 27, 2006
BOR approves Program Statement	July 28, 2006
CCPE approval	October 15, 2006
Start design	July 2007
Complete design	November 2007

Bid project	December 2007
Start construction	January 2008
Complete construction	March 2009

TO: The Board of Regents
Business Affairs

MEETING DATE: July 28, 2006

SUBJECT: University of Nebraska Student Information System

RECOMMENDED ACTION: Approve the Program Statement and Budget for the University of Nebraska Student Information System

PREVIOUS ACTION: None

EXPLANATION: Student Information Systems (SIS) are used to plan and manage the academic and operational side of the student relationship to the institution and deliver information and services to faculty, staff and students. The upgraded SIS will provide the technology needed for more accurate, timely, and comprehensive data in support of all NU students with 24/7 access for undergraduate, graduate and professional students. This project supports the 2005-2008 Strategic Planning Framework of the University of Nebraska by providing the opportunity for Nebraskans to enjoy a better life through access to high quality, affordable undergraduate, graduate and professional education while being cost effective and accountable to the citizens of the state.

Current systems are serving only the basic needs of the University of Nebraska students, faculty and staff and are quickly becoming technologically obsolete and more difficult, and costly, to maintain and enhance.

PROJECT COST: \$15,000,000

ON-GOING FISCAL IMPACT: Annual Operating Costs – Maintenance and operating costs are based upon a percentage of purchase price and increase at the rate of 15 – 18% per year
2% Assessment - None

SOURCE OF FUNDS: State Building Fund

SPONSORS: Rebecca H. Koller
Assistant Vice President for Business & Finance
Director of Facilities Planning & Management

David E. Lechner
Vice President for Business & Finance

RECOMMENDED: _____
James B. Milliken
President

DATE: July 25, 2006

e. Programmatic deficiencies

A growing percentage of University of Nebraska technology expenditures are being consumed through investments in customizations, work-arounds, and external integrations to make the current SIS+ platform function in a desired manner.

f. Replacement cost of existing building (not applicable)

6. Facility Requirements and the Impact of the Proposed Project

a. Functions/purpose of the proposed program

(1) **Activity identification and analysis (not applicable)**

(2) **Projected occupancy/use levels - Personnel projections**

A 24-36 month implementation is anticipated. Assuming an implementation effort similar to SAP, 35% of the total consulting time will be spent in year one, 45% in year 2 and 20% in year 3. In addition, significant University staff will be utilized in the effort.

b. Space requirements

(1) **Square footage by individual areas and/or functions**

The Student Information System implementation will require a temporary location similar to the SAP implementation to accommodate 30-40 full time staff. Space includes cubicles, meeting rooms and work areas and will be located within Nebraska Hall.

(2) **Basis for square footage/planning parameters (not applicable)**

(3) **Square footage difference between existing and proposed areas (not applicable)**

c. Impact of the proposed project on existing space (not applicable)

7. Equipment Requirements

a. List of available equipment for reuse

The existing IBM mainframe will require an operating system and hardware upgrade to maintain current levels of service to users and continued IBM support. The IBM mainframe will continue to serve as the host for the current UNL and UNO SIS+ systems during the implementation of the new Student Information System.

b. Additional equipment

(1)

11. Time Line

A 24-36 month implementation following vendor selection is anticipated.

C. FOR INFORMATION ONLY

1. Strategic Framework. Addendum IX-C-1



INVESTING IN NEBRASKA'S FUTURE

**Strategic Planning Framework --
Accountability Measures**

**An Implementation Tool
for the Board of Regents and University Leadership**

2005-2008

The University of Nebraska is a four-campus, public university which was created and exists today to serve Nebraskans

1. The University of Nebraska will provide the opportunity for Nebraskans to enjoy a better life through access to high quality, affordable undergraduate, graduate and professional education.
 - a. Maintain an affordable cost of education.
 - i. *Secure state funding sufficient to support excellent programs.*

1-Year Target (FY05-06)	3-Year Target (FY07-08)
Develop strategies, budget scenarios and case/support	

iii.

iii. Each campus shall endeavor to exceed the average of its peers in the proportion of the faculty who are women or persons of color, employing measures permitted by state and federal law.

iv. Secure enactment of the Distinguished Professorship Act (LB 47).

b. Pursue excellence in programs where the university can be a regional, national and/or international leader.

c. Pursue excellence in programs aligned with the long-term interests of the state.

i. Determine key areas of future workforce demand and strengthen or develop curricula and programs in alignment with those areas.

1-Year Target (FY05-06)	3-Year Target (FY07-08)
Compile and present appropriate data on Nebraska's demonstrated and projected workforce needs from state, business and industry groups, and university sources.	Align programs to meet workforce needs.

ii. Develop educational programs that prepare students for the flexibility required to resu

- ii. *Inventory and forecast infrastructure (physical facilities, information technology, equipment) necessary to support continued growth in research activity and secure private and public support to eliminate deficiencies.*
- iii. *Secure enactment and implement LB 605 to repair, renovate and/or replace specific university facilities.*

1-Year Target (FY05-06)	3-Year Target (FY07-08)
Legislature adopts and governor signs into law.	Renovation projects proceeding on budget and on time.

- b. Increase undergraduate and graduate student participation in research and its application.
- c. Encourage interdisciplinary, intercampus and inter-institutional collaboration.
- d. Encourage and facilitate the commercialization of research and technology to benefit Nebraska.
- e. Improve the quantity and quality of research space through public and private support.

5. The University of Nebraska will serve the entire state through strategic and effective engagement and coordination with citizens, businesses, agriculture, other educational institutions, and rural and urban communities and regions.

- a. Support economic growth, health and quality of life through policy initiatives consistent with university mission.
- b. Recognize and reward faculty innovation and effectiveness in outreach and engagement.
- c. Connect Nebraska cities, institutions, regions and communities through university programs.
- d. Support Nebraska’s economic development.

i. Partner and collaborate with government and the private sector to attract, retain, and spur business development and economic opportunity.

1-Year Target (FY05-06)	3-Year Target (FY07-08)
Inventory collaborative agreements and set annual and 3-year targets.	TBD

ii. Use survey data of Nebraska business and industry, including agriculture, to foster more effective relationships with the private sector.

- e. Build local, regional, national and international partnerships across public and private sectors.
6. The University of Nebraska will be cost effective and accountable to the citizens of the state.
- a. Allocate resources in an efficient and effective manner.
 - i. *Review and ensure administrative best practices in bidding.*
 - ii. *Build a comprehensive long-range capital facilities planning process and provide a six-year capital construction plan, updated quarterly.*
 - iii.

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D. REPORTS

None.