

Project Title	Vet Medical Center – Teaching & Learning Center 540/001-02-2018
Institution	UT Institute of Agriculture
Description	This project will add new space and renovate existing space in the Veterinary Medical Hospital and will consist of a lecture hall, clinical simulation skills lab, classrooms, computer labs, group study space, student fitness room, offices, support space, and exterior plaza. Please see attached – Project Overview dated July 9, 2018
Project Schedule	Designer Award by SBC Executive Sub-Committee – August 20, 2018 Project schedule – Design/Bid/NTP/SC
Anticipated Licensed Professionals and consultants for Basic Services:	Disciplines Required for all Basic Services
Estimated Total Project Cost	\$9,000,000
Maximum Allowable Construction Cost (MACC)	\$7,455,000
Designer Fee:	\$455,967 (\$7,455,000 x .06116)
Insurance Coverage	Commercial General Liability Each Occurrence - \$1,000,000 Aggregate - \$1,000,000 Commercial Automobile Liability Any Auto – Each Accident, Combined Single Limit - \$1,000,000 Workers' Compensation as required by statute, including employers' liability with limits of: Each Accident - \$100,000 Disease, each employee - \$100,000 Disease, policy limits - \$1,000,000 Professional Liability Insurance Each Claim - \$1,000,000 Annual Aggregate - \$2,000,000
Project Category:	Standard
Designer Solicitation Date	July 17, 2018
Letter of Interest Due Date	July 30, 2018

TEACHING AND LEARNING CENTER COLLEGE OF VETERINARY MEDICINE

July 9, 2018

PROJECT OVERVIEW

HISTORIC PROFILE AND EVIDENCE OF NEED:

The College of Veterinary Medicine was constructed in 1976 and is approximately (41) years old and was built to accommodate a 3-year curriculum in which 70-students were admitted per year (total enrollment 210 students). Students spend 2-years in classroom and lab instruction followed by a third year of clinical training. Original teaching facilities include one-86 capacity lecture room, one-50 capacity lecture room and 2-teaching labs designed for conventional microscope instruction. No rooms were built for small group and computer instruction or simulation of patient procedures. The curriculum has evolved to a 4-year program, which has resulted in an additional class of 85-students per year (total enrollment 340 students). Extensive problem-based instruction has been added to the curriculum and computer based instruction has replaced most microscope labs. General educational deficiencies include the following: lecture rooms to accommodate current curriculum and class size, no small to medium-sized classrooms, inadequate computer class labs, no break-out meeting and commons space and inadequate restroom facilities, particularly for women and the handicap.

Educational renovations to the existing facility have been made in an attempt to accommodate the needs of the curriculum. A space in a metal-frame building that formerly housed a print shop and is remote to the College of Veterinary Medicine has been converted to a temporary lecture room. These renovations have provided a partial and temporary solution. However, current instructional technology and teaching space is still inadequate and does not provide for future educational advancements necessary to a relevant curriculum.

PROJECT DESCRIPTION:

The site identified for this new addition is the current location of the parking lot north of the Pendergrass Agriculture & Veterinary Medicine Library and adjacent to Joe Johnson Drive. The Teaching and Learning Center will be new construction (addition) totaling approximately 21,000 gross square feet and renovation of approximately 1,500 square feet to existing entrance foyers and corridors. (The Long-Range Master Plan-2016 Update supports the building site location).

The Teaching and Learning Center is centered around three primary units and ranked in order of priority. The primary components of the (ALCS) unit include a simulation center, a large lecture room, and flexible classrooms. The (CDLS) is envisioned to include Veterinary Social Work, testing center, study space, and communication and business skills. The (AA) unit would include academic affairs, admissions, curriculum, diversity & inclusion, continuing education & engagement.

- (1) Active Learning and Clinical Skills (ALCS)
- (2) Career Development and Life Skills (CDLS)
- (3) Academic Administration (AA)

The centerpiece of this project is the ALCS which will promote active student learning and provide for program growth and allow development of new educational opportunities. It will also provide a comprehensive and integrated program in which professionals and undergraduates students develop and improve competency in core and advanced clinical skills. Integration of knowledge with hands-on didactic skills, proficiency in communication skills via real-time vignettes, objective assessment of skills mastery that provides quantifiable feedback and opportunity for student remediation for those who have not met defined benchmarks are fundamental goals. The ALCS will also provide facilities necessary to develop a new Credentialed Veterinary Technician (CVT) program, an undergraduate program to train skilled veterinary technicians.

The following primary components will include space for:

- 120-seat lecture room
- Simulation labs
- (2) 40-seat classrooms
- Administrative offices and small group study rooms
- Counseling & social work offices
- Atrium/Concourse/Commons Area
- Open study areas/small group
- Exterior landscaped plaza
- Connection to Pendergrass Library

The new Building's primary entrances will be focused towards the Administrative Offices to the east and the Pendergrass Library to the west. The project will enhance educational teaching programs to improve efficiency and quality of programs that are grounded in Veterinary Medicine. Design Character should enhance and complement the existing architecture. Spaces should be open, natural light with views, flexible, accessible, and sustainable. No building occupants will be required to be relocated during the construction of this project. The main entrances to the existing Hospital and Library will require temporary relocation. Alternative emergency egress routes will need to be provided. 25-30 staff parking spaces will be lost/reassigned to other areas.

PROJECT RESTRICTIONS:

The Veterinary Medical Center operates 24-hours a day, 7-days a week, and 365-days a year. The hospital provides daytime emergency care and after hour emergency care for small animal, avian and exotics, equine, and farm animals. The site proposed for this project is in the current location of the parking lot north of the Pendergrass Agriculture & Veterinary Medicine Library. The main entrance to the Building, Library, and the Deans offices are the main circulation routes into the facility and will be impacted by construction activities. Careful consideration for alternate or modified building entry points is required. On-site parking is not available; however, the site and existing parking lot will be included in the project limits of construction. Service drives and client parking areas border the east and west portions of the proposed site and are required to be maintained. A new HVAC and window/skylight replacement project will tentatively commence in the Fall of 2019 and may impact this project and will require coordination. A number of site landscape features have been identified as important to the character and quality of the site. Several species trees are located north of the existing building have been identified as candidates for preservation or relocation. The existing framework for the continuation of sidewalks in the North, East and West areas of the site need to be evaluated.

DESIGN STANDARDS AND VISION STATEMENT:

The UT Facilities Planning Office supports the UT System and Institutions with the planning and administration of the University's Capital Improvement Program and will provide the administration of the design and construction of this project. UTK Facilities Services will provide support and design & construction guidelines and existing utility identification and locations.

Site development scope will include areas of the site that, while excluded from the buildable area, are considered important to the character and quality of the site. Such improvements include the development of an exterior courtyard at the West, the interface of pedestrian paths along Joe Johnson Drive from the North and Northwest and the Native American Indian Mound Garden and parking lot S65/66 to the east.

The design of the project shall take its material cues from the existing College of Veterinary Medicine and surrounding buildings. The material palette shall include brick, metal panel, stone, glass and a flat roof. The representative style of Collegiate Gothic Architecture present on new construction on the UTK Campus is not a requirement for UTIA.

The 120-seat lecture room with commons is envisioned as a two-story atrium space and is the main concourse that will serve as a proxy and gateway hub that links the existing library, Pod Market and Administrative suite and will serve as the main formal entrance to the hospital. The concourse space also will provide a much-needed space for student interaction and a focal point for college-wide activities. The vision is that the clinical skills simulation lab, lecture hall, classrooms, testing center and informal learning areas, will all open onto the main concourse. Ample space for student breakout areas is needed for seminar and conferencing events. Career Development and Life Skills and Academic Administrative spaces shall have convenient accessibility to the main concourse.

ANTICIPATED SCHEDULE FOR DESIGN AND CONSTRUCTION:

RFP for Design Team	August-September 2018
SBC Selection of Design Team	September 2018
Complete Design and State Approvals	October 2018-October 2019
Bid/Award Construction Contract	November-December 2019
Construction	January 2020-March 2021
FF & E/Move-in	April-June 2021
Classes begin	August 2021

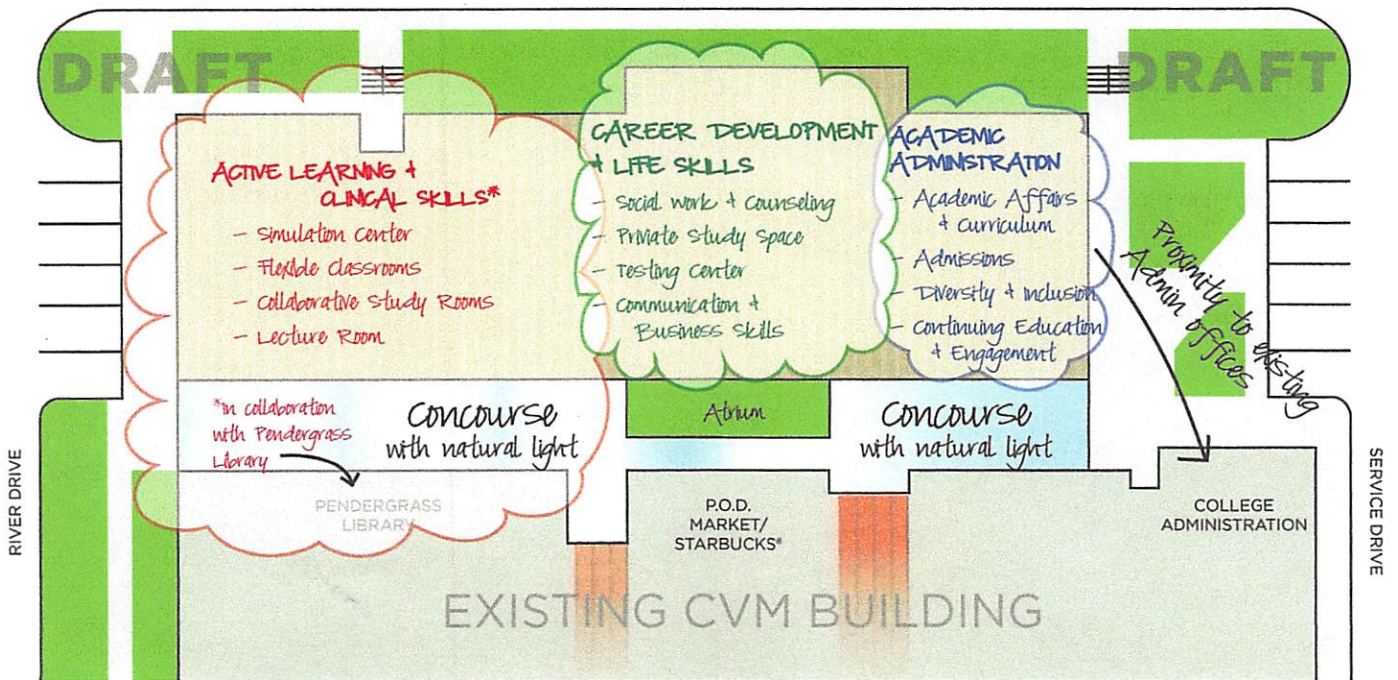
Teaching and Learning Center

College of Veterinary Medicine

9-Jul-18

<u>Purpose</u>	<u>Size</u>	<u>Quantity</u>	<u>NSF</u>
<u>ACTIVE LEARNING & CLINICAL SKILLS</u>			
Simulation Lab	40x100	1	4000
Flexible Classrooms	20x40	2	1600
Lecture Room	50x50	1	<u>2500</u>
			8,100
<u>CAREER DEVELOPMENT & LIFE SKILLS</u>			
Social Work/Counseling Suite	20x25	1	500
Breakroom	10x10	1	100
Small Group Study	10x20	4	800
Testing Suite	15x20	1	500
Open Study Area	20x25	1	500
Private Study	10x10	5	<u>500</u>
			2,900
<u>ACADEMIC ADMINISTRATION</u>			
Associate Dean	12x15	1	180
Director of Diversity	10x16	1	160
Conference Room	16x20	1	320
Admin. Support Offices	10x12	5	600
Admin. Reception/Service Area	20x30	1	<u>600</u>
			1,860
TOTAL NSF			12,860 (13,000)
TOTAL GSF	12,860 x 1.6 = 20,576	21,000	
			20,576 (21,000)
(Atrium/Concourse, Restrooms, Building Support, Misc., in GSF)			
<u>EXISTING BUILDING RENOVATION</u>			
Corridors, Vestibules, Student Lounge, Misc.,			1,500

JOE JOHNSON DRIVE



CONCEPTUAL FLOOR PLAN

Active Learning & Clinical Skills
Career Development and Life Skills
Academic Administration