

NOTES OF THE MEETING  
SDSU UTILITY TUNNEL, STEAM/CONDENSATE INFRASTRUCTURE  
REPAIR AND MODERNIZATION  
February 19, 2014

The Building Committee for the SDSU Utility Tunnel, Steam/Condensate Infrastructure Repair and Modernization met via teleconference on February 19, 2014 with the following members participating: Dr. Jack Warner, Executive Director; David Chicoine, President; and Kristi Honeywell, State Engineer. Also participating were John Ullmann, OSE; Wes Tschetter, Dean Kattleman, Les Olive, SDSU; and Tracy Mercer, BOR.

The purpose of the meeting was to approve the Facility Design Plan for the project.

Dean Kattleman informed the committee that the design hasn't changed since the approval of the Facility Program plan at the December Board meeting. The total budget for the project is \$13.3 million.

The first phase of this project will consist of the construction of a new chiller plant north of the current Animal Science Complex. This plant will initially house two chillers, cooling towers, pumps and auxiliaries for a cooling capacity of approximately 1750 tons. The chilled water capacity in the plant will replace existing decentralized chillers at each building that are nearing the end of their useful life.

The gross square footage of this new plant is approximately 8,736 square feet. Changes in buildings being connected to this plant will be required within existing mechanical spaces. No additional space will be required in connected buildings.

Along with construction of the new chiller plant, the following project segments are included in the estimated cost:

- Construction of a new walk-through utility tunnel in the northwest part of campus. This tunnel will connect to the existing tunnel near the Ethel Austin Martin building, head north to the Animal Resource Wing and branch tunnels to Northern Plains Biostress, the Animal Science Complex and the Animal Disease Research and Diagnostic Lab.
- Add a third 750 ton chiller to the North Plant to increase the capacity. This would allow for additional load to Northern Plains Biostress and also future buildings, such as the football stadium.
- Install chilled water mains to extend from Animal Science Complex to the northeast corner of Northern Plains Biostress. These lines will be sized for future loads as well.
- Connect chilled water lines to Northern Plains Biostress to replace the decentralized chillers currently serving the building. The two existing roof-mounted chillers are undersized for the current load and are at the end of their useful life
- Extend chilled water piping from the northeast corner of Northern Plains Biostress to the east for future connection to the football stadium and other buildings in that area of the campus.

Warner clarified that the \$13.3 million does not deviate from the original budget. Kattleman confirmed that was true.

**IT WAS MOVED** by President Chicoine, **SECONDED** by Kristi Honeywell to approve the Facility Design Plan for the SDSU Utility Tunnel, Steam/Condensate Infrastructure Repair and Modernization. All voted aye. The **MOTION CARRIED UNANIMOUSLY**.