

## **PROGRESS OF THE CAMPUS REHABILITATION**

### **Campus Rehabilitation Committee**

**18 January 2012**

#### **1. Electricity (budget 10 mB):**

- o Electricity restoration progresses reasonably well according to plan.
- o Substation 8 serving Dorms SV 1-3, ST4 and Houses 9-14 will be restored on 27 January (one week late)
- o The rest of AIT will have electricity by 20 January.

#### **2. Air-conditioning (budget 1.5 mB):**

- o Main chiller of the Central AC system will be operational by 30 January.
- o AC supply will gradually be provided to most academic, admin and AIT Center buildings from 1-15 February.
- o At this moment restoration work on central AC is concentrated to supplying to second floor rooms first.
- o Other areas of campus where AC is operated with split-type units such as most dormitories and houses, AC in upper floor rooms are readily available once the power is back.
- o Cleaning and repairs of those units on ground floor are being carried out in phases and will take some time to complete them all.

#### **3. Phone cum internet system (budget 20 mB):**

- o Works on installation Voice-on-IP system cum Wireless to replace the totally damaged telephone and LAN systems already started last weekend.
- o The new combined VoIP/Wireless system is the state-of-the-art technology but costs much cheaper than the old system.
- o Presently the Internet can be accessed using wifi in the Admin building and ITServ building.

- o Research students in the campus are welcomed to use the net in room 204 in ITServ. The room has been deep-cleaned where students can work quietly and safely.
- o By 15 February, wireless hot-spots will be available at various important zones of campus including SET, SERD, SOM, ADMIN bldgs, AIT Center, Liabrary, SU-Cafeteria, some student dormitories. The system is extendable to provide the full coverage of the whole campus at later stage.
- o On the IP-Phone (phone+LAN), 1000 units are being installed in the academic areas. By February 15, many areas will have phone points and LAN access, but not for all rooms.
- o Before the flood, the number of phone points were around 3000 (about 1700 points were in the residential zones). At this stage of restoration, scope of work only covers non-residential zones).

#### **4. Cleaning of 2nd floor areas (Sodexo service)**

- o Sodexo has already completed upper floor cleaning of all academic buildings. The work is well underway in the upper floor of residential areas.

#### **5. Clearing and initial cleaning of dormitory and staff rooms on ground floor (budget 1.5 mB):**

- o Clearing of damaged items from ground floor rooms advances slightly ahead of the schedule made at the beginning of the month.
- o As of today, clearing of student dormitories and SV rooms is expected to be finished by early next week.
- o Then it will proceed to staff-faculty houses after which the all the clearing work of the campus will be completed by end of the month.
- o From tomorrow the Army Engineering Corps that used to help us against the flood will dispatch 60 soldiers to AIT along with 3 10-ton dump trucks, 1 loader and one water truck to help clearing work of student dormitories and staff houses. With the reinforcement of workforce by the Corps, ground floor clearing of campus can be completed earlier. After that the soidiers can stay on and help remove damaged door panels as well as do room repair works

#### **6. Professional deep cleaning (budget 6 mB):**

- o The deep cleansing work of the three Professional Cleansing Companies is still on-going.

- o In each academic building, at least 2 samples (before and after deep cleansing) are taken to examine the numbers of microorganisms in the air, and 4-6 samples for larger buildings e.g. Academic North-South, AITCC, etc.
- o Department of Health (DOH) of the Thai Ministry of Public Health will come to take the samples after deep cleansing at the same places for microbial analyses, after which a certificate shall be provided by consideration of the results obtained from 2 sources.
- o It is necessary to make AIT community understand that even before flooding, the in-building condition was never completely free of germs or pathogens due mainly to our relatively old facilities with minimal maintenance e.g. the leakage of cool water pipes in the ceilings, etc.
- o Before library can resume operation, AIT community (not only students but staff and faculty) are requested to assisting the librarians on cleansing of books, journals and other publications.

#### **7. Ground floors of Academic Buildings (to be estimated)**

- o Only ground floor areas that are needed for supporting research students will be repaired temporarily.
- o For security reason, all openings (doors and windows) will be repaired or replaced either on a temporary basis (if the damage is severe) or on a permanent basis (if the damage is only minor).
- o Other ground floor areas that are not used shall be protected for sanitation reason.
- o We are calling for all schools, centers and units who have the requirements to use the ground floor rooms and spaces with minimal repairs to submit a request to Dr Noppadol before Wednesday 18. Aside from sodexo staff (who may be so busy with other activities), we may be able to hire outside contractor using the donation money so those areas can be ready from 15 February.

#### **8. Ground floors of student and staff dormitories and faculty houses (to be estimated)**

- o A clear plan is needed for restoration of ground floor rooms of student and staff dormitories and faculty's houses.
- o RTG aid budget covers all the repairs of student dormitories but not the staff dormitories and faculty houses. Thus, budget has to be provided for the repair/upgrade of staff dormitories and faculty houses.

## **9. Resumption of Clinic Operation**

- o Clinic will operate at its temporary office on the second floor of AITCC, Room B225 at least for 2-3 weeks.
- o The room will be ready soon after the carpets and curtains are cleaned and one bed room is installed for the stand-by nurse on night shift
- o The original clinic on the ground floor of arcade building is still under clearing and cleansing.
- o If there is no plan for upgrading medical clinic rooms to other design or if the planned upgrade is minor, the repair of the clinic areas to the condition before the flood could be finished within a month.
- o Renovation needs urgently on the filing room and the front door of Clinic
- o We need to get rid of the obsolete x-ray machine
- o Machines unaffected by flood are Oto-scope, Ophthalmo-scope, Steto-scope, BP machine, ENT Set, Suture Set, PV Set, Wound Dressing Set.
- o Urgent Needs are examination bed to be repaired, stainless locker (4 units, Paramount) to be cleaned, stainless bar with wheel to be cleaned.
- o The clinic needs to buy or rent EKG and Blood Testing Machine.

## **10. Ground Floor Area Repairs for Required Usage and Security**

- o Together with Sodexo engineers, Dr. Noppadol, TF Chair of Build Environment inspected the conditions of ground floor rooms of student dormitories A-K & L-S and SVs, which have been cleared and ready for deep cleaning.
- o He found that Dorm rooms on 1.5 floor level of Dorms A-K (72 rooms altogether) that were slightly flooded by about 15 cm for 10 days suffered no damages to the building interiors.
- o The inspection also finds surprisingly that the ground floor rooms of all dormitories are minimally affected by the flood. These rooms have concrete slab ceilings and plastered brick walls.

## **11. Planning for extra space need for units whose space are affected by flood**

- o When AIT returns to normalcy on 14 February, the damaged ground floor areas will need to wait for budget and an upgrade plan for restoration.

- o For non-residential buildings, the lost space is about 50 percent. For residential area, the lost space is calculated to be about 40%. Therefore, all affected units are requested to initially make their own arrangement to accommodate offices and functions previously on the ground floors.
- o In case upper floor space is inadequate, the units that require additional space must inform Ms. Izel, Head, Administration. Rooms on second floor of AIT Center and hotel can be used for classrooms and offices. The allocation will be made by Izel.
- o Special ground floor space required by students, such as major labs, or by security reason with minimal effort (make-shift minor repairs) should send the request form (attached) to Dr Noppadol before this weekend. Then, he can help facilitate the works with Sodexo aimed to be finished hopefully by 15 February.

**Prof. Worsak / Dr Noppadol / Dr Thammarat**

**19 January 2012**