

secty lifePatron®

Onste early earthquake warning and management-system

sectyelectronics®

Project – Philippines – Manila Public warning



REPUBLIC OF THE PHILIPPINES
City of Caloocan



Disaster management increases earthquake security

There are 8 population sirens in the event of a disaster, including used in typhoons or other disasters. Now the disaster management has additionally equipped the already installed population sirens with an onsite early earthquake warning system. In the event of a severe earthquake, an alarm to the population will be activated automatically via the public warning sirens. In addition, employees are informed by SMS.

The „**secty** lifePatron®“ earthquake warning system has been successfully put into operation. In the event of a stronger earthquake with a local strong intensity, population sirens are automatically activated.

Project short description:

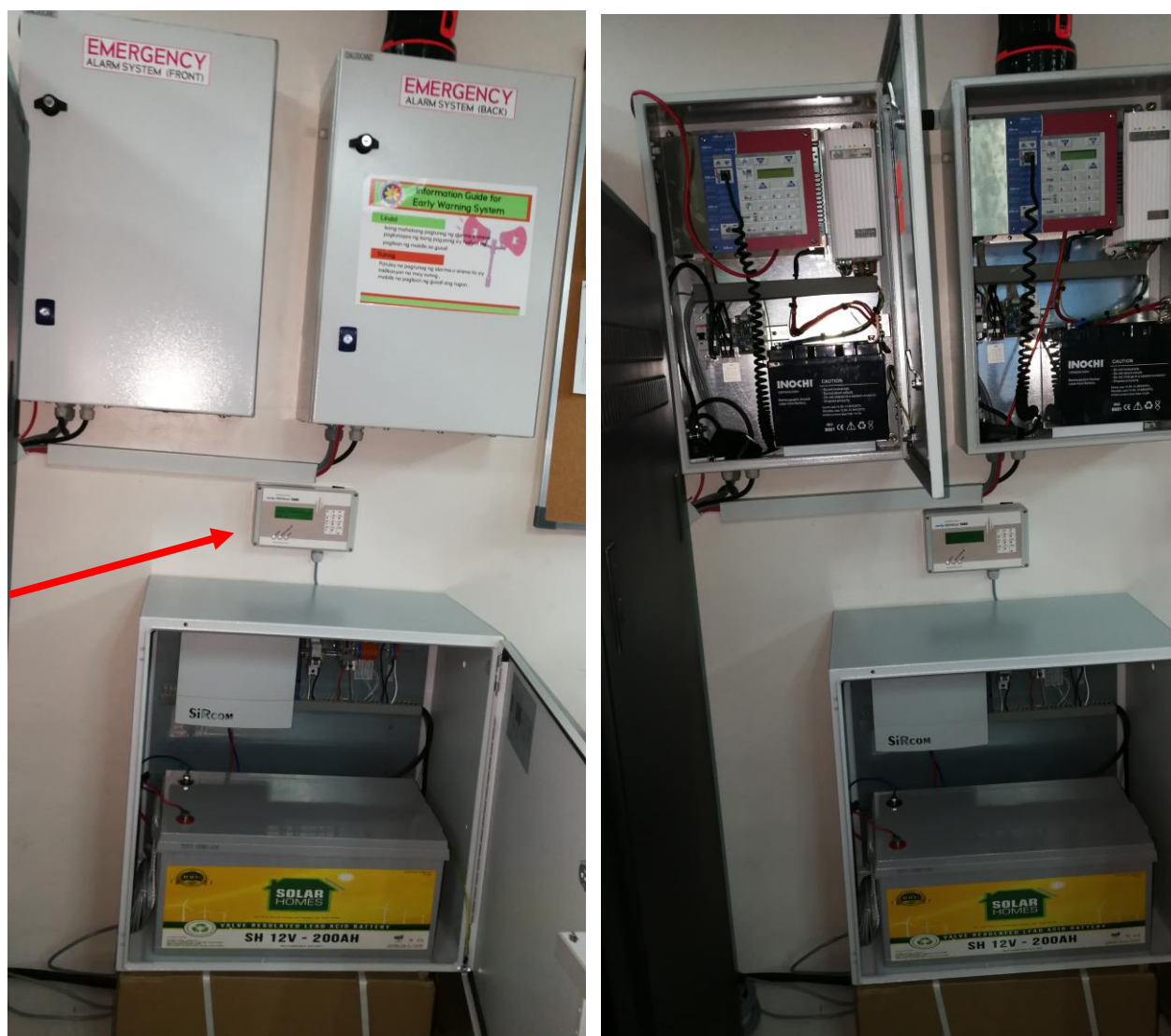
To ensure that the population alarm is only activated if a strong intensity of an earthquake will come, a redundancy of four earthquake detectors (1 MASTER, 3 SUBMASTER) was installed.

The alarm signals are sent to a control center. The population sirens are only activated automatically when three earthquake detectors send an alarm.

Public warning sirenwith 4 horns:



Controll center/ Monitoring:



The secty central operator unit "TABD" and the siren cabinet with an additional UPS (200Ah) were installed in the control center. The earthquake system sends various messages from the 4 earthquake detectors to a computer and is saved there.

Alerting for staff:

In the event of an earthquake alarm, the authorized persons are alerted via an internal warning SMS system.

Earthquake detector MASTER:



Maintenance:

The earthquake warning system is serviced and tested once time in a year.

Education and training:

The education and training was carried out with the disaster management and various rescue organizations.





sectyelectronics GmbH

Heine Str. 34
44 581 Castrop-Rauxel

Telefon: 0049 - (0) 23 05 - 977 96 32

e-mail: info@secty-electronics.com

www.secty-electronics.com