

Renel International Education Outreach Incorporated



2014 Philippines Project Plan May 2013

Reference: 2014 Philippines Project Request for Used Computers, May 2013

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1. PLAN SUMMARY

Six schools in the Philippines have been identified by Reneal International Education Outreach Incorporated (Reneal IEO) for potential support in 2014. Candidate schools were identified in coordination with an experienced secondary school head and IT coordinator in the province of Cebu who are very familiar with other schools in the area. These schools were evaluated in April of 2013, five via on-site visits by Reneal IEO and the sixth through information obtained by the IT coordinator.

All six schools are asked to agree to the expectations outlined in Section 2. In addition, support of three of these schools is contingent upon receipt of donated computer units by Reneal IEO or by the schools themselves (see sections 1.1 and 1.2 below). Support of the other three schools can proceed without additional conditions (see sections 1.3 and 1.4 below).

The referenced document (“2014 Philippines Project Request for Used Computers, May 2013”) provides a list of the needed items to implement the Reneal IEO system. However the schools have different existing capabilities, which will determine the remaining resources that will need to be provided by the schools and by Reneal IEO. Each of the types of support will be summarized below, in descending order of complexity.

1.1. No existing IT laboratory

One school, Bagalnga Integrated School (Compostela, Cebu), does not yet have an IT lab. See the referenced project hardware request for more details about what Reneal IEO expects to provide. Reneal IEO is soliciting donations of used computer hardware for the computer clients. Discussions with Compostela Honorable Vice Mayor Joy Abing indicated that there will be municipal support for the IT lab. It may also be possible to obtain computers through the Department of Education Cebu Province Division office. Project completion is contingent upon receiving donated computer units through one or more of these prospective sources.

1.2. Existing IT laboratory but limited computers

Two schools, Estaca Elementary School and Compostela Central Elementary Sci Tech (both Compostela, Cebu) have IT labs but limited computer equipment. See the referenced project hardware request for more details about what Reneal IEO expects to provide. Reneal IEO is soliciting donations of used computer hardware for the computer clients. Project completion is contingent upon receiving donated computer units.

1.3. Existing IT laboratory with computer units already available

Two schools, Tayud National High School (Consolacion, Cebu) and Carmen National High School (Carmen, Cebu) already have IT labs. Each of these schools will need a server and one or more Gigabit network switches for implementation, to be provided by Reneal IEO.

1.4. Existing IT laboratory with computer units and server computer already available

One school, Sapak Extension High School (Compostela, Cebu) already has computer units with a more powerful computer that is capable of being a server. Only a Gigabit network switch and hard disk will be needed for implementation, to be provided by Reneal IEO.

2. EXPECTATIONS

Beneficiary schools are expected to provide space and security for the IT lab, as well as tables for the computers and chairs for users. Optional items that have been proven to be useful to schools (a large refurbished TV for projection, a printer, and cooling) are also suggested if not

already available. Beneficiary schools are also expected to provide resources for maintenance and for expendable items as needed.

IT coordinators at the beneficiary schools will be expected to spend time with Reneal IEO volunteers to learn about the system and to assist with teacher trainings. Training sessions will be provided by Reneal IEO for teachers at the selected schools. These trainings will be scheduled in cooperation with the school heads to minimize disruption to classes.

School heads and IT coordinators at the schools will be expected to commit to use of Open Source software with the installed system. Installation of pirated software on any computer hardware provided by Reneal IEO is strictly prohibited. However software that is already installed on existing computers does not have to be erased and can be used in dual boot mode if desired.

It is expected that the computers provided by Reneal IEO will be used by students to learn about IT and for projects and research in other subject areas. It is expected that the computers will be used by teachers to prepare for classes, complete school reports, compute grades, and other school-related tasks. Because of limited Internet bandwidth, video streaming (even for educational purposes) is discouraged. Computers provided by Reneal IEO should be treated as a learning resource for students and teachers, not as an Internet café.

3. PROJECT MONITORING

Each of the selected schools will be asked to track two measures of success to monitor the project and evaluate its effectiveness. The first is computer usage rate in the IT lab. This will be tracked monthly by the IT coordinators. The second metric is based on teacher self-assessments of computer skills, conducted over time. This will be done by the IT coordinator in conjunction with Reneal IEO.

4. CONTACT INFORMATION

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