

Appendix A: Maintenance Processes

1. What routine maintenance procedures are required for the rectifier and battery components of the proposed system solutions:
 - a. How often is routine maintenance required?
 - b. Explain what tasks should typically be performed during routine maintenance and what tools and or training will be expected of such personnel?
2. Provide a life cycle costing model/analysis taking into account all factors/relevant assumptions predicting the life expectancy of the supplied solution for the rectifiers and batteries individually operating under normal circumstance. Normal circumstance is regarded as 1 cycle per month with a depth of discharge of 20% at average ambient temperature of 22 degrees Celsius. A predicted total cost to company including all aspects over a 15 year life cycle is to be calculated and supplied.

3. The supplier shall give a technology life cycle positioning of the equipment offered which shall include but not be limited to the following:
 - a. When was the offered equipment first introduced into the commercial market,
 - b. When was the last upgrade and when is the next planned upgrade.
 - c. What is the life expectancy of the offered equipment before equipment will become
 - i. Obsolescent and
 - ii. Obsolete