



TECHNICAL SPECIFICATIONS THAT GOVERNS THE CONTRACT FOR THE SERVICE OF THE PREVENTIVE MAINTENANCE AND CORRECTIVE MAINTENANCE SERVICE OF THE SYSTEMS UNINTERRUPTED POWER SUPPLY SYSTEMS (UPS) LOCATED IN THE SCIENTIFIC AND TECHNICAL RESOURCES DEPARTMENT OF THE ROVIRA I VIRGILI UNIVERSITY.

1. PURPOSE OF THE CONTRACT:

The purpose of the contract is to execute, in a manner compatible with the quality standards with which the URV's Scientific and Technical Resources Service has been certified, the Preventive and Corrective Maintenance Plan for uninterruptible power supply systems (UPSs) located in the Scientific and Technical Resources Service (SRCiT) existing at the URV, indicated in Annex 1.

This recruitment is necessary because the URV currently does not have technically qualified human resources to carry out this work.

2. SERVICE DESCRIPTION:

The contract will include the travel and labor hours necessary to carry out scheduled preventive maintenance (overhauls).

The service will include coverage for carrying out the necessary interventions to keep the equipment described in the object of this contract operational.

The preventive maintenance contract will include the following services:

- Two annual preventive maintenance visits.
 - Measurement and adjustment of the main equipment parameters (rectifier/charger, inverter i by pass).
 - Checking electromechanical elements, fans, contactors, switches
 - Checking the status of fuses and protections.
 - Visual inspection of access, cleaning and environmental operating conditions
 - Thermography of power components.
 - Ventilation system materials, outlet and continuous filters are included.
 - This includes batteries that could fail due to normal use and handling of the equipment, as well as the total change at the end of its useful life.
- The response time will always be less than 3 working days.

3. TECHNICAL REQUIREMENTS:

The contract will include preventive maintenance and corrective maintenance (breakdowns).

If faults are detected and these require replacement of material, it will be communicated to the URV staff responsible for managing the contract, who must authorize it, in order to control the corrective maintenance costs. The report must include the price of the repair for each piece of equipment separately.

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4. PERFORMANCE OF THE SERVICE:

The service will be carried out during URV working hours, always after prior appointment with the interlocutors of the facilities.

5. QUALITY CONTROL:

The company will carry out the necessary quality controls to carry out the object of the contract and the corrective or preventive measures to be applied that derive from them.

6. HUMAN RESOURCES:

The company must assign human resources with documented training and experience that is considered necessary and appropriate for the correct performance of the services covered by the contract.

7. BILLING:

The awarded company will issue an invoice each quarter due for the execution of the service subject to the contract, differentiating the SRCiT equipment.

As a general rule, the concept of invoices will include, in addition to the usual data, the billing period to which it corresponds, indicating the start and end day of the quarter, taking into account that the initial day of the first quarter will be the start of the contract and that this day number will be the start of all quarters of the contract.

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Technical Manager for the Maintenance of Scientific Equipment at the SRCiT



Located in the Scientific and Technical Resources Service:

- SAI 1: 400 kVA serial number P186587001
- SAI 2: 30 kVA serial number 210027559972655300002
- SAI 3: 40 kVA serial number P196893001
- XPS UPS: 20 kVA serial number 210033977CA5560600001

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