

TENDER SPECIFICATION

GROUND POWER UNITS FOR

PASSENGER BOARDING BRIDGES #1 AND #9



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INTRODUCTION

This document describes the replacement need of 2 pcs of ground power units (GPU).

The owner of this project and Client is SOF Connect, the Employer.

SCOPE OF PROJECT

As part of its investment program SOF Connect seeks to replace two of the GPUs for PBBs #1 and #9. For PBB #1 – 120kVA and for #9 – 90kVA.

The passenger boarding bridge is a model PTT 210/350-2C by the manufacturer TEAM, Spain and it was installed in the year 2006.

The following tasks need to be done by the Contractor:

1. Delivery of 2 pieces GPUs with the following parameters:
 - a. For PBB #1 - 120kVA
 - i. To be suitable for Code D type aircraft
 - ii. To comply with IATA and European norms
 - iii. Operational at environment temperature range between -30 to +50 degrees Celsius
 - iv. To be bridge mounted type
 - v. Input – 3 x 400 V $\pm$ 15%, 50/60Hz $\pm$ 5Hz
 - vi. Output 1 – 3 x 200/115 V, 400 Hz, 90kVA
 - vii. Output 2 – 3 x 200/115 V, 400 Hz, 90kVA
 - viii. Output 1+2 Max. 120 kVA continuously
 - ix. Color 9010
 - b. For PBB #9 - 90kVA
 - i. To be suitable for Code C type aircraft
 - ii. To comply with IATA and European norms
 - iii. Operational at environment temperature range between -30 to +50 degrees Celsius
 - iv. To be bridge mounted type
 - v. Input – 3 x 400 V $\pm$ 15%, 50/60Hz
 - vi. Output – 3 x 200/115 V, 400 Hz
 - vii. Color 9010
2. To provide the hardware necessary for the bridge installation.
3. To provide installation manual, drawings and other documentation related to installation.

4. To provide maintenance and operation manual containing troubleshooting guide.
5. To provide quality certificates and Declaration for exploitation parameters.
6. After installation by SOF Connect personnel to conduct testing and commissioning. To provide protocol for testing and commissioning.

TENDER – MINIMUM REQUIREMENTS

- The Contractor shall appoint a person or a team to execute point 6 of Scope of project above.
- The Contractor shall provide minimum 2 years warranty period, starting from the date of commissioning. If there is failure during the warranty period the Contractor is obliged to:
 - Provide remote troubleshooting support over phone or via email within 12 hours from receipt of message.
 - If remote troubleshooting support does not provide satisfactory results to send a person on site within 3 working days from confirmation of the necessity.
 - Any replaced parts must have minimum of 2 years warranty from the date of replacement.
 - Allowed downtime for the units is no more than 10 calendar days per year
- All delivery and insurance costs are at the Contractor's expense.
- Delivery location is Sofia Airport.
- Passes for access to the critical area are at the contractor's expense.
- The contractor is responsible for the Health and Safety of his/her own personnel.
- Contractor's personnel shall follow all and every instruction from Sofia Airports Security and Safety representatives.
- All testing and commissioning to be verified by a protocol.

COMMERCIAL OFFER TO INCLUDE

- Company registration
- Company revenues over the past 5 years
- List of Company references for PCA projects over the last 5 year.
- Letters of testimony of Client satisfaction for PCA services.
- Price to be in Euro without VAT
- Delivery time
- Terms of payment

KEY EXPERIENCE

- List of projects for PCAs (installation, refurbishment, maintenance and etc.) at international airports. (Preference is given to those from Eastern Europe or the Balkans)

PROJECT STAFFING

- Qualification and Certification of key personnel who will be assigned to the project to be provided.

APPENDIX 1 – GENERAL LAYOUT OF TERMINAL 2 APRON

