

ADDENDUM TO TECHNICAL SPECIFICATION SPS/AMR/RBF/EEK/D-21  
FOR TENDER INQUIRY III-306/AC, DATED 22nd DECEMBER, 1977.

1. Page 6, sect. 3.3.1 - Table  
"3 Sparking detected" - time must be 2000 ms instead of 200 ms
2. Page 9, sect.3.5 : Additional requirement :  
A resettable thermal trip element acting on the input current shall be mounted on the rear panel. This shall be used to protect the supply in the event of continuous sparking at the high voltage level, in the event of internal failure.
3. Page 9, sect. 4.1  
Insert after Para.1  
"The maximum power drawn by the supply in the "ON" state, high voltage mode, under zero external load conditions, shall not exceed 50 Watts at the 220 V AC level".
4. Page 10, sect. 4.2, Para.4  
The sentence beginning : "The open circuit output voltage..." is replaced by : "The open circuit output voltage shall be 2200 V rms and the short circuit current 1000 mA  $\pm$  10%."
5. Page 10/11, sect. 4.3 is replaced by the following :  
"The power supplies must be equipped with all necessary external connectors. The manufacturer shall use connectors and pins already standardized by CERN. The following connectors and pins will be supplied free of charge :  
  
    Burndy front panel 50 BSF slide  
    Burndy rear panel 50 BSF screw  
    Swiss standard 10A mains connector 3 PFAPM  
  
The high voltage connector shall be a Fischer type D105-A-036-5, and is not supplied by CERN.  
  
The connector contacts are summarized in Table I-III".

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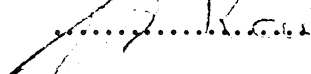
Other work (specify) ... Specification SPS/AMR/RBF/EEK/D-21  
et "Technical Questionnaire" (D-21)

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TECHNICAL SPECIFICATIONS

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SPS/AMR/RBF/EEK/D-21

POWER UNITS FOR THE  
400 l/s VACUUM PUMPS

T E C H N I C A L    Q U E S T I O N N A I R E

(To be completed and signed by the Tenderer)

Date \_\_\_\_\_

Signature and stamp of the firm

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6. Which type of rectifier circuit will be used in the proposed power supply? (e.g. voltage doubler or bridge rectifier)
  
7. In which way does the tenderer propose to produce the overcurrent protection and warning signals?
  
8. Which type(s) of relays are proposed for the control functions?
  
9. What is the proposed layout of the power unit(s)? (Please give a schematic diagram)
  
10. What is the proposed mechanical layout of the different components? (Please add a sketch)
  
11. Which safety features in addition to those specified does the tenderer propose?