GSI Helmholtzzentrum für Schwerionenforschung GmbH
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Contract

of the Production, Delivery and Test of of Alvarez 2.0 inner tank sections Power Converters for GSI

1. Target

This annex basically regulates the steps of the acceptance procedure of the contract. Details can also be found in the Detailed Specifications.

2. Approval Process

2.1. The acceptance procedure consists of the following steps, which are described in more detail in this document.

- Factory Acceptance Test (FAT)
- Site Acceptance Test (SAT)
- Final Acceptance (FA)

Neither the FAT nor the SAT represent a partial legal acceptance.

A preliminary design review (PDR), conceptual design review (CDR) and a final design review (FDR) precede the FAT (if agreed) in the design phase. These are also not partial legal acceptances.

2.2. SAT and FAT are carried out separately for each device to be delivered in the steps listed under No. 4 to 7. Each contractual partner can propose additional acceptance-relevant points.

2.3. The customer will inform the customer of the additional acceptance-relevant points in good time before the respective acceptance.

2.4. The contractor must apply for the SAT and FAT and FA in writing in due time and coordinate the additional acceptance-relevant points with the client in advance.

2.5. In principle, SAT and FAT and FA are carried out jointly by the client and the contractor in the presence of both contractual partners. The contractor must provide the necessary labor and measuring equipment free of charge for the acceptance tests.

2.6. The results of SAT and FAT are to be recorded in writing by the contractor in the protocol according to number 3 (or by the client, if the contractor is not present at the SAT in exceptional cases) and signed by the client and contractor. In addition to the

tests carried out and their results, these minutes should include details on the elimination of any defects, including regulations on the scope and deadline.

2.7. Acceptances are not replaced by previous use, commissioning or official completion.

2.8. Declarations of release are made on the basis of a plausibility check on the part of the client; they do not release the contractor from his responsibility for the correctness of the respective documents, the functionality of the components and for the overall system.

2.9. Until acceptance by the client, the completed devices must be received by the contractor in an acceptable state. The contractor is liable for any errors that may occur on the devices, unless the client is responsible for these errors or damage.

3. Logging (Record keeping)

Each stage of acceptance (SAT FAT and FINAL ACCEPTANCE) must be applied for by the contractor. The SAT can only be conducted if the FAT has been successfully completed.

Each stage of the acceptance shall be documented in writing in the respective protocol and signed by both parties to the contract (see section 2.6).

4. Conceptual Design Review (CDR)

4.1. The issues to be finally resolved within the framework of CDR are set out in the Detailed Specifications.

4.2. The documents to be submitted by the contractor 2 weeks before the implementation of the CDR are listed in the Detailed Specifications.

5. Final Design Review (FDR)

5.1. The topics to be finally clarified within the framework of the FDR are listed in the Detailed Specifications.

5.2. The documents to be submitted by the contractor 2 weeks before the FDR is carried out are listed in the Detailed Specifications.

Production must not begin before the production drawings are released

6. Factory Acceptance Test (FAT)

The FAT shall be carried out on the premises of the Contractor at the Contractor's expense.

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The requirements necessary for the successful execution of the FAT are specified in the Detailed Specifications.

The FAT shall be carried out in the presence of the persons to be appointed by the Contractor. The successful execution of the FAT shall be recorded in writing by both parties to the contract in the protocol according to Section 3.

7. Site Acceptance Test (SAT)

Prerequisite for the SAT is the installation and operational readiness according to the contractually agreed scope of services.

The SAT is carried out on the premises of the Client at the Client's expense.

The requirements necessary for the successful execution of the SAT are stated in the Detailed Specifications.

Representatives of the contractor who are to be named may be present during the SAT. The successful execution of the SAT shall be recorded in writing by the representatives of the contractual partners present at the SAT in the minutes according to section 3. If no representative of the contractor is present, the minutes shall be made available to him; objections of the contractor against the SAT or the minutes can only be raised with regard to lack of plausibility.

8. FINAL ACCEPTANCE (FA)

FA is the legal act of acceptance. It is done by means of written declaration from the management board or representatives authorized by them in text form. The legal act of acceptance is a formal procedure. Partial acceptances, oral and implied acceptances are not possible.