INP Reference

Neckarwestheim Substation

LOCATION: Neckarwestheim, Germany

SYSTEM/TECHNOLOGY: 380kV air insulated switchgear

SERVICES: Project management, Quality assurance, Documentation, As-built status and data recording, Pre-project planning and tendering, Basic-engineering and pre-engineering, Solution development / Feasibility studies

INDUSTRY BRANCH/TYPE OF PLANT: Power Generation, Transmission & Distribution

CLIENT: TransnetBW GmbH

ACTIVITY PERIOD: 2021 - 2023

Project description

For a transmission system operator in Baden-Württemberg, general planning services for a new 380kV Neckarwestheim for a new 380kV AIS construction (1 KPDR field). After the preparation and elaboration of different variants and the determination of the best possible design, the specifications and the associated tender (scope of supply and services including technical equipment) were prepared.

INP has already taken over the project from our customer TransnetBW in the preliminary planning phase. It will be managed until completion.

Based on the customer‘s technical requirements, possible designs for the plant were examined and the best possible variant was worked out in accordance with the on-site conditions. This was accompanied by the preparation of the functional tender documents up to the awarding of the contract. In the course of execution by the general contractor, quality assurance for the primary and secondary technology will be provided by INP.

After support in the award process and evaluation of the bids, quality assurance tasks in the areas of primary and secondary technology will be performed during execution. This includes technical clarification meetings with the general contractor to ensure correct implementation of the customer‘s guidelines, but also acting as an interface to the transmission system operator‘s technical experts.

INP Services

- Feasibility studies
- Variant evaluation
- Specification
- Preparation of specifications and bills of quantities
- Support of the awarding of contracts
- Technical quality assurance
- Project management

POINTS OF CONTACT



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