

Annex B3 Service profile of technical equipment

Basic Services

SPH 5 Execution planning

- a) Development of an execution planning based on the results of service phases 3 and 4 (gradual elaboration and presentation of the solution) considering the specialist plannings integrated by the project planning up to the point where the solution is ready to be executed
- b) Updating the calculations and dimensions pertaining to the design of the technical equipment and system components
Graphic representation of the facilities at an output scale and level of detail including dimensions coordinated with the project planner (no assembly or workshop plans)
Adapting and detailing the functions and branch diagram of the facilities or GA function lists
Coordinating the execution drawings with the project planner and the other remaining specialist planners
- c) Creation of slit and breakthrough plans
- d) Updating the time schedule
- e) Updating the execution planning to the state of the award/tender results and the then present execution planning of the project planner, handing over of the updated execution planning to the executing companies
- f) Inspecting and recognizing the assembly and workshop plans of the executing companies for compliance with the execution planning

SPH 6 Preparation of the tendering/awarding process

- a) Determination of quantities as a basis for the preparation of service directories in coordination with the contributions of other specialists involved with the planning
- b) Preparation of tender documents, especially with service directories according to service areas, including the maintenance services based on existing regulations
- c) Assisting with the coordination of interfaces with the service descriptions of the other specialists involved with the planning
- d) Determination of costs based on the service directories priced by the planner
- e) Cost control by comparing the service directories priced by the planner with the cost calculation
- f) Compilation of contract documents

SPH 7 Assisting with the tendering/awarding process

- a) Obtainment of offers
- b) Inspecting and evaluating of offers, preparation of the price comparison list by individual positions, inspecting and evaluating of offers for additional or changed services of the executing company and the adequacy of the price
- c) Performance of bidder discussions
- d) Comparison of award/tender results with the service directories priced by the planner and the cost calculation
- e) Creation of tender proposals, assisting with the documentation of the tender procedure
- f) Compilation of the contract documents and contribution to the award of contract.

SPH 8 Project monitoring (construction monitoring/supervision and documentation)

- a) Monitoring of the project execution for compliance with the public approval or consent, the contracts with the executing company, the execution documents, the assembly and workshop plans, the relevant guidelines and the generally recognized engineering practice
- b) Assisting with the coordination of those involved with the project
- c) Preparation, updating and monitoring of the schedule (bar chart)
- d) Documentation of the construction process (building diary)
- e) Examining and evaluating the necessity of changed or additional services of contractors and the adequacy of prices
- f) Mutual site measuring with the executing companies
- g) Auditing from a computational as well as technical point of view with inspection and certification of the service state based on verifiable service records
- h) Cost control by examining the service accounts of the executing companies in comparison to the contract prices and the cost estimate
- i) Determination of costs
- j) Assisting with the performance and function tests
- k) Technical acceptance of the services based on the presented documentation, creation of an acceptance protocol, detection of faults and shortcomings and issuing of an acceptance recommendation
- l) Applications for official acceptances/ inspections and participation in these
- m) Inspection of the handed over revision documents for completeness, integrity and random testing for compliance with the state of execution
- n) Listing of the limitation periods for warranty claims
- o) Monitoring the rectification of faults or shortcomings detected during the acceptance of the services
- p) Systematic compilation of the documents, the graphic representations and computational results of the project

SPH 9 Project supervision

- a) Specialist evaluation of the warranty claims during the limitation period, but no longer than 5 years after the acceptance of the service, including the necessary inspections
- b) Project inspection to detect shortcomings or faults prior to expiration of the limitation period for warranty claims against the executing company
- c) Assisting with the approval of safety services