



BIM SERVICES – FRAMEWORK

Item No. 2230161



Developing the overall project approach as the basis for the design of Hilti MEP Supports, including an estimation of these design efforts. The Project will be sectioned in individual areas with re-occurring requirements and for each conceptual Hilti MEP Support solutions will be advised. For an overall optimized MEP Support solution, Hilti may suggest changes to the current BIM Project Models in the interest of a lean design, modelling, tendering, installation and inspection processes.

Deliverables

- **Project sectioned in individual areas**, with re-occurring Project Requirements relevant for defining conceptual MEP Support solutions.
- **Conceptual design of MEP Supports for each area** including the recommended design approach (Hilti Design Core and/or Hilti Design Specifics services) depending on the complexity level.
- **Hilti Service Offer for designing** the Hilti MEP Supports based on provided Project Requirements.

Scope

- **Design or modeling are out of scope**, yet the Framework service is the standard pre-requisite for following BIM services.
- Upon customer request, **Hilti can participate in Optimization Workshops** with other project parties and may suggest changes to the current Project BIM-model for more efficient overall MEP supporting (e.g. multi-trade supports).

Execution

- Service will be performed by a **Hilti project manager**.
- Service will only **start once Hilti receives and confirms the Service Order**, customer has provided all necessary Project Requirements and the exact scope of work and estimated delivery date has been agreed upon.

Customer duties

- Provide **all necessary Project Requirements** so that a Framework can be developed.
- **Access to the BIM models**, located in the Common Data Environment, indicating clearly which models must be considered.
- **Coordination** with any other project parties, namely during Optimization Workshops involving trade subcontractors. Hilti's suggestions for optimization are only non-binding recommendations which must always be fully reviewed by the customer before implementation.
- **Proactively inform Hilti in case of changes** to the Project BIM-models and/or Project Requirements. While Hilti will use its best efforts to deliver on the originally estimated date, with project changes a new delivery date and service charges will need to be agreed upon.
- **Review service output** within 5 working days and raise any defects in writing to Hilti during this period.

Payment

- The service will be invoiced based on hourly rate. **When possible lumpsum will be provided** based on given Project Requirements and Project BIM-models.
- The service will be charged according the agreed payment schedule.

Complementary

- This service description only applies together with the Hilti BIM Protocol and the BIM Framework Agreement or alternatively the Hilti standard terms & conditions of sale available at www.hilti.sg apply.