

# Data center engineering

Tell us about the facility, its loads and the engineering work you need. It is fine to leave questions blank.

## 01 / Your facility

Type short answers. Press Enter for a new line. Use a separate sheet for more detail.

### 01 Project, location and stage

Name the facility, country and current design or construction stage.

### 02 Your contact details

Name, company and work email. Add a phone number if useful.

### 03 Design requirements and review team

Summarise the design basis and name the people who will review the work.

### 04 IT loads and rack layout

State total IT load, rack densities and available equipment information.

### 05 Cooling approach

Describe the cooling system and expected indoor and outdoor operating conditions.

Before sharing: agree an NDA and a secure transfer method for confidential files. This brief helps define the work; it is not a design standard.

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Separate the available information from the work you want us to carry out.

## 02 / The engineering scope

Type short answers. Press Enter for a new line. Use a separate sheet for more detail.

### 06 Power and resilience

Describe power distribution, redundancy and the outages the design must allow for.

### 07 Available drawings and models

List current layouts, models, equipment schedules and known gaps.

### 08 Airflow or cooling simulation

If needed, define the computational fluid dynamics (CFD) scope and scenarios to test.

### 09 Project standards and local requirements

List the standards, client requirements and jurisdiction that apply.

### 10 Files you need from us

List the models, drawings, calculations and reports you want delivered.

Simulation results apply to the cases tested. They do not replace commissioning or certify a facility. Agree certification, permits and final approval roles separately.

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Agree what will be tested, who will review it and when it is needed.

## 03 / Checks and handover

Type short answers. Press Enter for a new line. Use a separate sheet for more detail.

### 11 Simulation inputs and pass criteria

For CFD, list boundary conditions, loads, mesh checks and acceptable results.

### 12 Review responsibilities

Who checks each discipline, resolves coordination issues and approves the work?

### 13 Dates and working hours

List deadlines, review dates and preferred meeting times, including time zone.

### 14 Certification, commissioning and exclusions

State work by others and any certification or commissioning support you need.

### 15 Confidentiality and file sharing

Tell us if you need a non-disclosure agreement (NDA) and how files should be shared.

Next: review your answers with your project lead, then email [contact@spetia.com](mailto:contact@spetia.com). Keep confidential files out of the first email.