

Plant engineering

Tell us what the plant needs to do and where you need engineering support. It is fine to leave questions blank.

01 / Your plant and process

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

01 Project, location and stage

Is this front-end engineering design (FEED), detailed design or an existing-plant change?

02 Your contact details

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

03 Process and capacity

Describe the process, required output and normal or unusual operating cases.

04 Where does our scope start and stop?

State battery limits: the physical and process boundaries, plus interfaces with others.

05 Available process documents

List process flow diagrams (PFDs), piping and instrumentation diagrams (P&IDs), and equipment data.

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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Tell us what must be designed, calculated or drawn.

02 / The design work

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

06 Site information and constraints

List plot plans, surveys, existing equipment and limits on access or construction.

07 Utilities and operating conditions

Describe utilities, design pressures and temperatures, and known hazardous areas.

08 Project standards and local requirements

List the standards, client requirements and jurisdiction that apply.

09 Engineering work and outputs

List process design, sizing, calculations, layouts, models, drawings and isometrics needed.

10 Software and document formats

List software versions, native and exchange formats, and document numbering rules.

Agree the design stage, survey limits and exclusions before work starts. Specialist studies, statutory approvals and commissioning are separate unless included in the scope.

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Agree the review process and make responsibilities clear.

03 / Reviews and delivery

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

11 Who checks and approves the work?

Name the design, checking and approval leads. Describe the acceptance criteria.

12 Dates and working hours

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

13 Vendors and open questions

List key vendors, missing data and how technical questions will be raised and answered.

14 Specialist work and exclusions

Clarify safety studies, surveys, approvals, commissioning and work by others.

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. Keep confidential files out of the first email.