SECOND DESK

INTERNATIONAL ADVISORY

Skid & modular systems

Preassembled systems with standardized interfaces

INDUSTRIAL EQUIPMENT & MACHINERY



AI-generated illustration | not an actual project reference

Product scope and commercial role

TECHNICAL SCOPE

- Process skids
- Pump packages
- Dosing and utility modules
- Containerised systems

SECOND DESK ROLE

Technical-commercial qualification, market development and manufacturer or partner coordination.



Source: Second Desk website | sector image, not project evidence

Design basis and operating envelope

INPUTS REQUIRED BEFORE A COMPARABLE QUOTATION

- Scope, footprint and layout
- Operating envelope
- Battery limits
- Transport and lifting limitations

The owner and qualified manufacturer confirm operating conditions and applicable design basis before engineering release.

Engineering and component selection

DESIGN REVIEW POINTS

- Layout model
- P&ID
- Structural frame
- Accessibility
- Pipe stress and tie-in orientation

Selection trade-off

Review spare access, skid stiffness, module handling and interface orientation. Establish battery limits with exact tag numbers.

Project drawings, tolerances and design details remain subject to the responsible supplier or engineer.

Representative technical section



AI-generated technical concept | not to scale or for fabrication

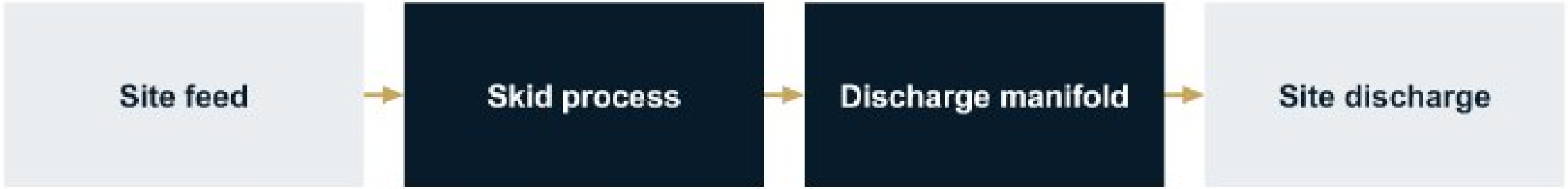
DETAILS TO CONFIRM WITH QUALIFIED SUPPLIER

- Layout model
- P&ID
- Structural frame
- Accessibility

Confirm the actual construction and dimensions from controlled supplier drawings or approved samples.

Representative functional arrangement

Conceptual sequence for technical discussion. Actual layout and interfaces depend on the approved specification.



Controls, power and utility services are coordinated as separate interfaces.

Input boundary

Scope, footprint and layout / Battery limits

Operating and output boundary

Performance against agreed duty / SAT checklist

Fabrication and assembly sequence



AI-generated manufacturing scene, illustrative only

TYPICAL CONTROLLED WORKFLOW

01 Frame fabrication

02 Equipment placement

03 Spool assembly

04 Panel wiring

05 Preservation planning

Inspection and quality control

TYPICAL QUALITY CONTROL POINTS

01 Frame and equipment dimensions

02 Weld inspection as specified

03 Pressure and leak testing

04 I/O and sequence checks

05 Documented punch list



AI-generated sector inspection scene; illustrative only

Inspection methods, sampling, hold points and sign-off depend on the order and approved quality plan.

Factory acceptance and site acceptance

FAT / manufacturing release

- Frame and equipment dimensions
- Weld inspection as specified
- Pressure and leak testing
- I/O and sequence checks
- Documented punch list

SAT / performance verification

- Performance against agreed duty
- SAT checklist
- Interface and alarm proof

Agree test conditions, tolerances, witness authority and punch-list closeout before testing. SAT is distinct from factory release.

Site integration and commissioning readiness



AI-generated application scene; illustrative only

SITE PREREQUISITES

01 Site landing and level

02 Tie-in verification

03 Connect utilities

04 Controlled start

Packing, logistics and delivery

PRODUCT-SPECIFIC PACKING CHECKS

01 Blind and tag nozzles

02 Tie down rotating assemblies

03 Verify shipping configuration

Define the Incoterms® rule, named place, export documents, insurance responsibilities and site receipt process in the commercial agreement.



AI-generated logistics scene; illustrative only

Technical and commercial risk review

Define shop versus site test scope and preserve the module for the intended transport method.

Design compliance

Compare the same data sheets, duty and explicitly agreed exclusions.

Technical evidence

Request relevant engineering documents, inspection plan and test records.

Execution risk

Check site access, spares, service scope and the manufacturer's support plan.

Responsibilities across the supply chain

OWNER / EPC	SECOND DESK	MANUFACTURER / CONTRACTOR
Defines duty, project constraints, site interfaces and acceptance authority.	Clarifies the opportunity, identifies suitable suppliers and coordinates technical-commercial communication.	Owns engineering, production, testing, guarantees, site execution and contractual obligations as agreed.

Supplier names, manufacturing capability, certificates, references and country-specific approvals are verified for each enquiry; no standing partner or factory is implied.

RFQ and evidence package

01	**Technical definition**	Duty and design basis, data sheets, scope boundaries and tie-in information.
02	**Supplier evidence**	Capability, drawings, applicable compliance, inspection plan and relevant references.
03	**Commercial offer**	Scope and exclusions, lead time, payment, Incoterms® rule, optional services.
04	**Handover plan**	FAT/SAT where applicable, documentation, spares, training and after-sales.

SECOND DESK

INTERNATIONAL ADVISORY

Discuss your next requirement

Share the application, target market or project, technical specification and expected delivery scope.

seconddeskinternational.com

Contact form: seconddeskinternational.com/#contact | Denizli, Türkiye | Meetings by appointment

SOURCE AND EVIDENCE NOTES

Second Desk sector page • ISO 12100: machinery risk assessment and reduction • ICC Incoterms® guidance

Visuals: generated sector illustrations and Second Desk website imagery. Project provenance, supplier capabilities and certification remain unverified unless separately confirmed.