

03 · BUILD

Data centre supply and installation, vendor-neutral

Equipment procurement for a data centre is not a purchasing exercise. It requires engineering judgement at every decision point.

WHAT THIS SERVICE COVERS

Equipment decisions made without a financial interest in the outcome are better decisions.

The Supply and Installation service covers the procurement and physical installation of all non-IT data centre infrastructure: power, cooling, ELV, fire protection, structured cabling, and civil ancillaries. Equipment selection is based solely on technical fit for the specific project requirements and commercial value for the client. Costs are passed through at cost plus a clearly stated management fee, and clients see every purchase order before it is placed. On-site installation management and pre-commissioning checks are included as standard, ensuring all equipment is installed correctly and ready for the Testing and Commissioning programme.

Vendor-neutral, no preferred panel

Costs passed through transparently

Greenfield and brownfield scope

WHAT WE DELIVER

Deliverables from this engagement

01

Vendor Selection & Procurement

Technical evaluation of vendor submissions, commercial negotiation, PO placement, and vendor performance tracking against delivery.

02

Power Infrastructure Supply & Install

LV and MV switchgear, UPS systems, PDUs, transformers, generators, and associated cabling, installed with ITP sign-offs.

03

Cooling Infrastructure Supply & Install

CRAC and CRAH units, chillers, cooling towers, precision air conditioning, and associated pipework and controls.

04

ELV Systems Supply & Install

CCTV, access control, BMS, DCIM infrastructure, and structured network cabling, co-ordinated with the ELV design.

05

Fire Protection Supply & Install

Clean agent or FM200 suppression, smoke detection, and control systems, installed and tested to NFPA requirements.

06

Pre-commissioning Readiness Package

Installation completeness checks, equipment integrity verification, and documentation confirming readiness for T&C.

WHY TECHNAVIOUS

Why vendor-neutral procurement matters

Equipment decisions made without a financial interest in the outcome are better decisions.

1 No preferred vendor panel, no referral fees

Every equipment recommendation is based on technical fit for the specific project. Technavious does not operate a preferred vendor panel, accept vendor rebates, or earn a margin on equipment supply. The management fee is the only commercial interest in the process.

2 Engineering-driven selection, not purchasing-driven

Equipment selection is conducted by engineers who understand the design intent, not a purchasing function optimising for cost or supplier relationships, producing better technical outcomes and fewer change orders.

3 Transparent cost pass-through

Clients see every purchase order before it is placed. Costs are passed through at the price Technavious pays, plus the agreed management fee, with no hidden markups or retrospective reconciliation at project close.

HOW WE WORK

Four phases to pre-commissioning readiness

01

Vendor selection

Technical evaluation of vendor submissions. Commercial negotiation. Client approval before POs placed.

02

Procurement management

Purchase order placement, delivery scheduling, and vendor performance tracking against programme.

03

Installation management

On-site installation supervision. ITP checkpoint sign-offs. Non-conformance management.

04

Pre-commissioning

Installation completeness checks, equipment integrity validation, and documentation package delivered.

SCOPE OF THIS SERVICE

Infrastructure categories covered

Power: switchgear, UPS, PDUs, generators

Cooling: CRAC/CRAH, chillers, cooling towers

ELV: CCTV, access control, BMS, DCIM

Fire protection & suppression

Structured cabling

Civil ancillaries

CASE STUDIES

Supply and installation work we have delivered

DATA CENTRE OPERATOR

Low-side MEP electrical implementation across two facilities, a 600kW site in Lucknow and a 180kW site in Hyderabad. All 95 racks fully powered with zero single points of failure and 100% earth continuity verified.

MANAGED OFFICE & CO-WORKING PROVIDER

Full lifecycle delivery from MEP design through five-stage commissioning for a new colocation data centre. All infrastructure passed FAT through ISAT, with triple ISO certification achieved.

SERVICE PROVIDER, TWO SITES

Independent testing and commissioning across two new facilities. 100% of infrastructure independently validated and signed off before any production workload was deployed.

FREQUENTLY ASKED QUESTIONS

Questions we are regularly asked about supply and installation

How does vendor-neutral procurement work in practice?

We evaluate all technically suitable suppliers for each equipment category based on technical fit, commercial value, delivery reliability, and warranty terms. We do not maintain preferred vendor relationships or receive commercial benefits from any equipment manufacturer.

Can you manage supply and installation independently of EPC project management?

Yes. Supply and Installation can be engaged as a standalone service for clients who have their own project management resource or a separate PMC. We work within the client's governance framework and report to the client's project manager.

What happens if equipment is delivered late or does not meet specification?

Vendor delivery performance and specification compliance are tracked against the agreed purchase order terms. For late or non-compliant deliveries, we manage the commercial resolution with the vendor, including warranty claims and replacement supply. Clients are kept informed as issues arise.

Is this service available for brownfield retrofits in live data centres?

Yes. Brownfield installation in live environments requires additional planning for equipment access, temporary infrastructure provisions, and co-ordination with the operations team. These requirements are identified at the scoping stage, and the programme is structured to minimise operational risk.

Ready to discuss supply and installation?

Tell us the scope of equipment required and whether this is a greenfield or brownfield project, and we will propose a scope tailored to your requirements.

[Talk to us today](#)