



FIBER OPTICS / POWER / CONTROL

Infrastructure for projects in Argentina

Work packages for EPC contractors, operators and integrators. Engineering, field execution and handover documentation.

WHAT YOUR PROJECT NEEDS

A defined scope for field execution

New cable routes, expansions and work on existing facilities need clear boundaries: what gets built, who supplies each resource and how the work is accepted.

01 Deploy connectivity

FTTH and fiber · Network design

Installation, deployment, routes, quantities, drawings and package terminations.

02 Connect facilities

Power · OPGW / ADSS · Associated works

Electrical and optical interfaces, ducting, crossings, cabinets and grounding.

03 Integrate and maintain

Industrial networks · Control · Maintenance

Local connectivity, telemetry, automation and work-order-based interventions.

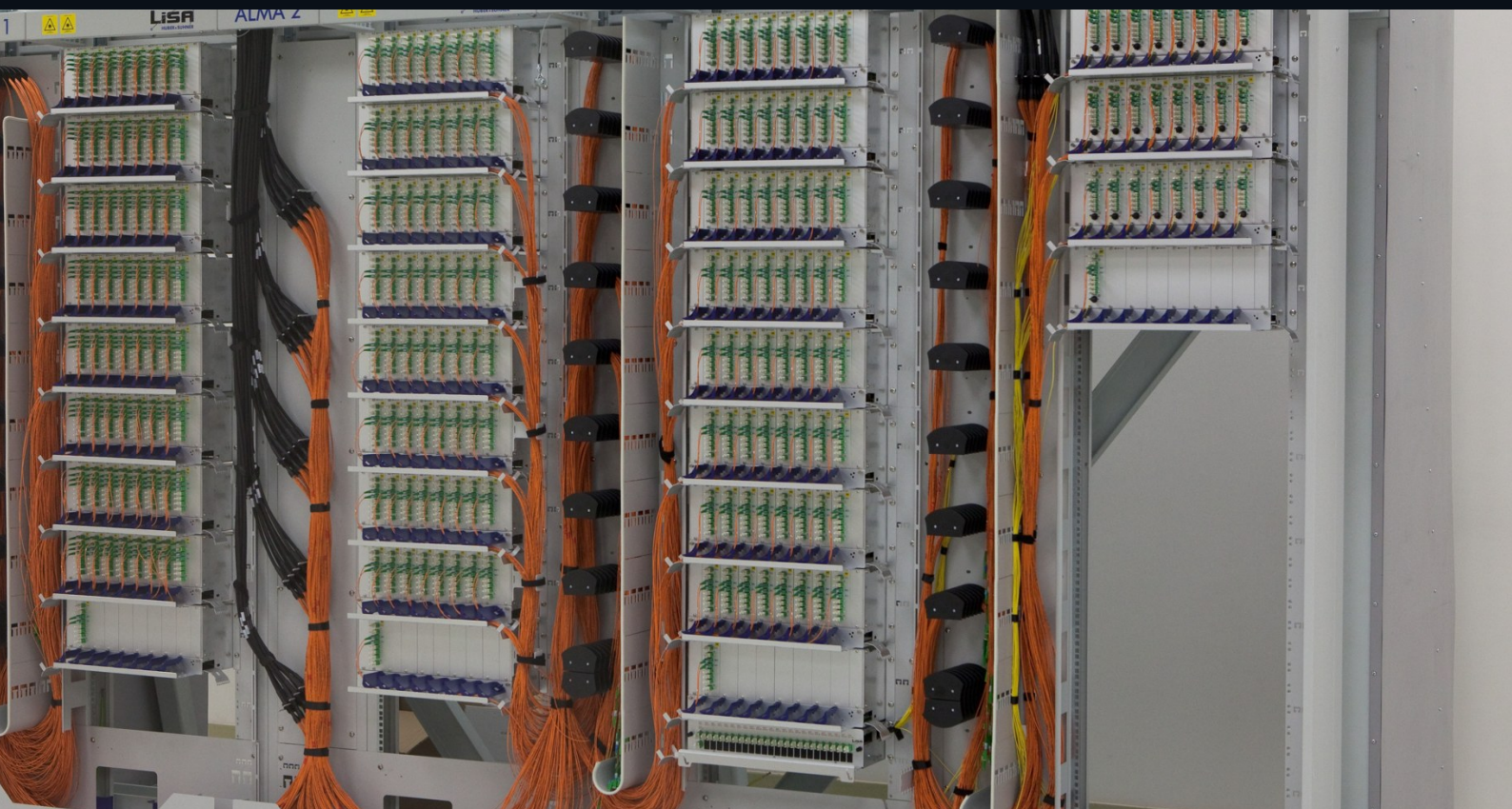
ONE PROPOSAL, CLEAR RESPONSIBILITIES

Scope, materials, specialists, equipment, logistics, schedule and acceptance are confirmed before award.

FTTH / FTTX

The fiber package from route to handover

Distribution network installation and deployment, with termination, testing and handover requirements defined in the proposal.



ALMA (ESO/NAOJ/NRAO) · cropped reference image

CC BY 4.0

01 / Route

Drawings, endpoints, interfaces and materials.

02 / Fieldwork

Deployment, identification and workfront records.

03 / Handover

Specified tests, outstanding items and close-out.

DOCUMENTED FTTH EXPERIENCE

Documented work. Defined deliverables.

FTTH distribution network installation and deployment for two telecommunications contractors. Invoiced work since March 2026.

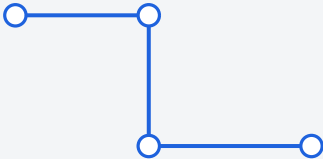
A signed August 2026 reference supports that scope and is available for private procurement review, subject to disclosure permissions.

HANDOVER CONTENT

The proposal links every task to a record and an acceptance requirement.

DRAWINGS

Section / point / revision



Revision and identification

RECORDS

Workfront

Date

Task

Change

Work and changes

ACCEPTANCE

Test / result

Results and close-out

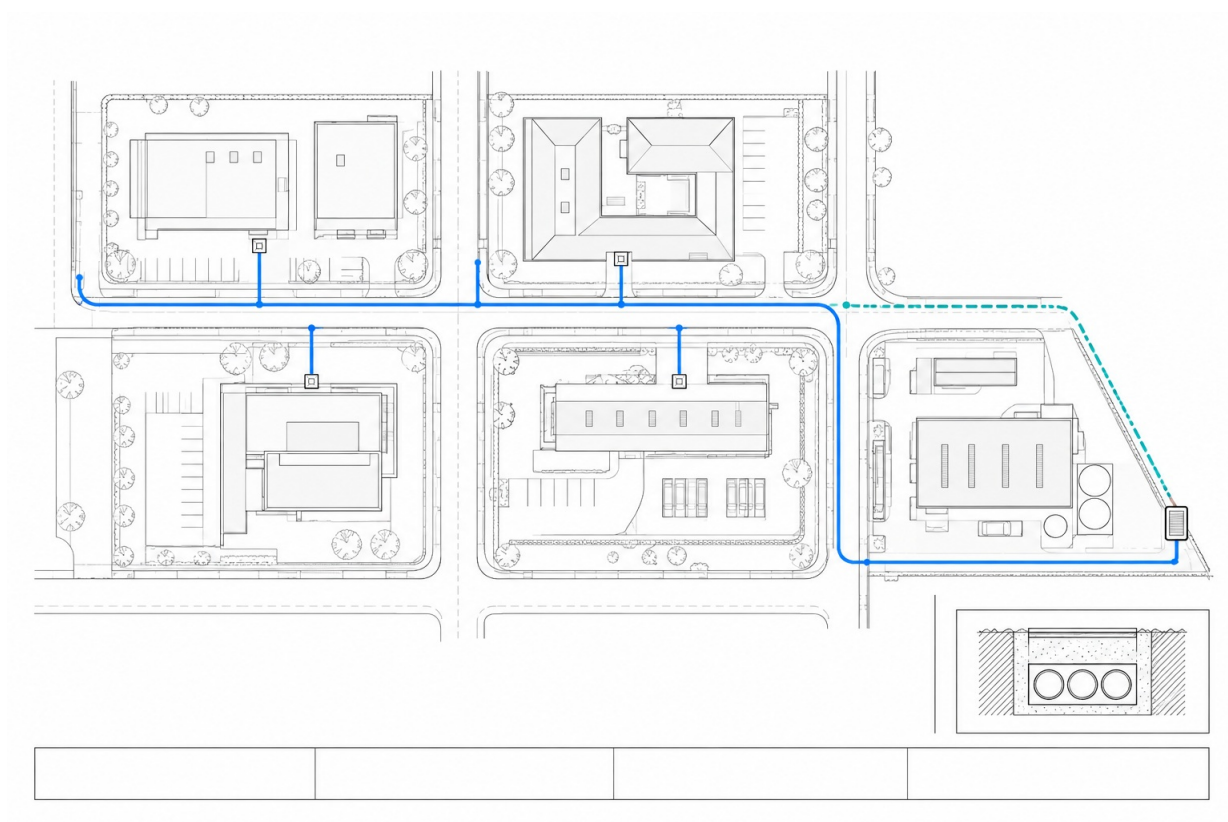
Illustrative content, tailored to the contract.

Editable and as-built drawings where required. Engineering with a responsible professional and applicable authorizations or professional approval.

DESIGN / SURVEYS / DRAWINGS

Drawings define the workfront

Routes, connection points and existing utilities. A technical basis for pricing, execution and change control.



Generated conceptual illustration. Not a real project drawing or a construction document.



Technical service example · USAP.

Package documentation

Network layouts, details, quantities and revisions. Editable files and as-built drawings in the agreed formats.

Responsible professional and required approvals for the discipline and jurisdiction.



OPGW / ADSS

Fiber and power in one coordinated scope

Optical, electrical and civil interfaces are coordinated before defining the workfront.

Overhead fiber

Deployment, downloads, slack, closures and fittings for OPGW/ADSS under the project design.

Electrical installation

LV/MV, panels, ducting, grounding and auxiliary power. Named specialists and required authorizations.

Package handover

Drawings, material identification and specified test results. Work windows and isolation coordinated with the operator.

Reference image: American Public Power Association / Unsplash



Reference image: Raymond Sime / Unsplash

AUTOMATION / TELEMETRY / MAINTENANCE

System integration. Documented changes.

Signal and network integration

PLC/HMI, SCADA, telemetry and industrial connectivity. The package defines signal lists, protocols, interfaces and tests.

Work-order interventions

Diagnostics, upgrades, reinstallation and maintenance. Authorized tasks, configurations and close-out items are recorded.

Specialist skills, licensing, access, backups and cybersecurity are defined for the contracted system and task.

DUCTING / CROSSINGS / LOCAL NETWORKS

Field preparation and documented handover

Each intervention brings together the method, resources, site entry requirements and close-out records.



Technical example of auger fieldwork.



Technical example of equipment and transport.

01 / Prepare

Scope, permits, interfaces, method and resources.

02 / Record

Progress, materials, authorized changes and evidence.

03 / Close out

Tests, outstanding items, corrections and acceptance.

Crossings: ground conditions, geometry, permits and reinstatement determine the appropriate method. Personnel, equipment, safety and supplier records are verified for the site and task.

IDENTIFICATION / VERIFICATION / CLOSE-OUT

An installation that can be verified

Acceptance starts with the scope: identified endpoints, specified tests and resolved outstanding items.



Main cabinet



Access point



Connections

Technical service examples · USAP archive.

Tests within scope

Fiber: continuity, loss and reflectometry where specified. Networks: links and connectivity. Power: tests defined by the project design.

Acceptance record

Endpoint, method, instrument and result. Acceptance criteria, corrective actions and final review agreed with the client.

Your next work package

Technical assessment, supplier prequalification or a quotation.
Let's discuss the scope.

INFORMATION FOR AN INITIAL PROPOSAL

01 Location and objective

02 Tasks and known quantities

03 Available drawings or tender
documents

04 Materials, access and permits

05 Target dates and work windows

06 Deliverables and acceptance

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Operating base: Rivadavia, San Juan. Projects across Argentina, including Neuquén, subject to confirmed scope and resources.