ILLUSTRATIVE ENGINEERING DOCUMENT

Equipment RFQ — Technical Requirements

Illustrative request for quotation structure for a hypothetical CNC processing system. Numeric values are placeholders and must be validated against actual process requirements.

01 Request overview

Field	Requested information
Application	Precision processing of fabricated components
Materials	Steel and aluminium; grades and thicknesses to be specified
Integration	Material handling, controls and production reporting
Installation	Site utilities, access and training requirements
Warranty & support	Supplier to provide response times and exclusions

02 Mandatory technical response

Requirement	Supplier response
Maximum working envelope	Declared value and drawing
Accuracy / repeatability	Test method and measured tolerance
Production throughput	Cycle study with assumptions
Control platform and interfaces	Protocol and interface list
Energy / consumables	Typical and peak demand
Safety and documentation	Applicable declarations and technical file scope

03 Proposal structure

Separately price equipment; delivery; installation; commissioning; training; spare parts; licences; integrations; optional features; service agreements. State lead times, incoterms where relevant, exclusions and validity period.

04 Acceptance & milestones

Stage	Expected evidence
Design freeze	Signed functional specification and drawings
FAT	Test record with agreed criteria and open items
Site installation	Installation checklist and utility verification
SAT	End-to-end trials under defined conditions
Handover	Training, manuals and spare-part package

05 Bid clarification log

Use a written clarification log, assigning each deviation and question to a supplier contact with a response date. Evaluate non-compliance transparently rather than assuming a feature is included.

06 Commercial considerations

Request lifecycle cost inputs (service labour, power, consumables, planned replacement items, software fees) and clear warranty/support assumptions. Commercial negotiation and signing authority must be separately defined.

Professional boundary

This is a blank illustrative RFQ structure, not a legally binding procurement document. Adapt to the relevant jurisdiction, engineering standards and project context.