

Automotive Precision Parts RFQ Preparation Checklist

A customer-facing checklist for preparing engineering inputs before XSD Precision reviews manufacturability, quality boundaries, quotation scope and production readiness.

Input Area	What to Prepare	Why It Matters
Drawings	2D / 3D files, drawing revision, critical dimensions and tolerance notes.	Supports manufacturability review, tooling boundary, gauge planning and quotation scope.
Samples / Photos	Physical sample, installed position, photos, assembly boundary or replacement target.	Helps confirm actual application, cosmetic boundary, installation risk and validation route.
Material / Finish	Material grade, heat treatment, plating, coating, cosmetic standard and restricted substances.	Supports process route, supplier costing, quality planning and target-market compliance review.
Volume / Timing	Annual volume, batch rhythm, sample quantity, target sample date and production timing.	Supports capacity review, purchasing costing, project planning and delivery-route judgment.
Quality Needs	CTQ, tolerance boundary, MSA status, SPC needs, Cpk / Ppk target, PPAP or customer format.	Supports inspection method, validation scope, release criteria and controlled-document planning.
Commercial Boundary	Target market, packaging, logistics, quotation currency, Incoterms and long-term supply expectation.	Supports quotation boundary and avoids misunderstanding between sample, pilot and production preparation.

Public boundary: this checklist explains customer inputs for project review. Internal process parameters, cost models, customer drawings, approval rules and corrective actions remain controlled project information.