Supplier Evaluation Scorecard

Weighted Scoring Framework (Total: 100 Points)

This standardized scorecard is used for quantitative evaluation and benchmarking of 3–5 candidate suppliers after RFP response collection. All criteria adopt a 1–5 point scoring scale with weighted calculation to ensure objective, consistent, and auditable supplier selection results.

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1. Scoring Scale Definition (Universal for All Criteria)

5 Points: Fully demonstrated with valid test data, process reports, certification documents or verified project cases (fully compliant, excellent capability)

4 Points: Fully meets requirements with partial supporting evidence, minor gaps with no impact on mass production

3 Points: Claimed capability without sufficient valid proof, basic compliance to requirements (to be verified)

2 Points: Partially non-compliant, obvious capability gaps requiring mandatory rectification

1 Point: Clearly misaligned with technical/quality/commercial requirements, incapable of meeting project demands

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2. Technical Capability (Total: 40 Points)

Evaluation Criterion	Weight (Points)	Score (1–5)	Weighted Score
Laser source portfolio covers required material processing scenarios	8		
Proposed process fully matches dimensional & precision tolerance requirements	10		
In-house measurement capability meets	8		

project specification standards			
Proven experience with similar materials, geometries and precision requirements	7		
Engineering team professionalism & feedback quality during RFP communication	7		
Technical Capability Subtotal	**40**	—	

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3. Quality Systems & Compliance (Total: 25 Points)

Evaluation Criterion	Weight (Points)	Score (1–5)	Weighted Score
Valid & current ISO 9001 quality management system certification	5		
Relevant industry certifications (ISO 13485 / AS9100 / ITAR as applicable)	8		
Complete measurement system analysis capability (MSA / GRR verification records)	5		
Effective statistical process control (SPC) implementation & valid data evidence	4		
Standard CAPA mechanism & acceptable non-	3		

conformance history records			
Quality Systems Subtotal	**25**	—	

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4. Commercial & Delivery Capability (Total: 20 Points)

Evaluation Criterion	Weight (Points)	Score (1–5)	Weighted Score
Overall pricing competitiveness compared with industry benchmark	5		
Reasonableness of NRE cost, tooling cost and additional fees	5		
Lead time feasibility & on-time delivery commitment	5		
Stable production capacity & volume ramp-up guarantee	5		
Commercial & Delivery Subtotal	**20**	—	

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5. Risk & Strategic Relationship (Total: 15 Points)

Evaluation Criterion	Weight (Points)	Score (1–5)	Weighted Score
Financial stability & business operation longevity (credit check & business years)	4		
	4		

Communication responsiveness, professionalism and collaboration during RFP stage			
Geographic proximity, shipping efficiency and timezone compatibility	3		
IP protection, NDA compliance and secure data handling measures	4		
Risk & Relationship Subtotal	**15**	—	

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6. Total Score & Final Rating

Total Weighted Score (100 Points): _____

Final Supplier Rating: _____

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7. Score Interpretation & Action Guideline

80 – 100 Points: Preferred Supplier
Priority cooperation partner. Proceed directly with prototype ordering, formal project docking and mass production preparation.

60 – 79 Points: Conditional Approval
Conditionally qualified supplier. Mandatory prototype qualification is required with clear pass/fail judgment gates before formal cooperation.

40 – 59 Points: Secondary Supplier
Only for backup use. Applicable for order overflow, auxiliary materials or non-critical component production, not for core project mass production.

Below 40 Points: Disqualified
Serious misalignment in technical capability, quality system or delivery risk. Reject supplier and eliminate from candidate list.

Evaluation Note: All scores are evaluated based on RFP response documents, supplier audit records and verified objective evidence. The final result is for supplier selection and project

decision reference only.

（注：文档部分内容可能由 AI 生成）