



**SPARTAN PATTERN**  
PATTERNS BUILT FOR VICTORY

## **Pattern Quotation Checklist for Foundry Projects**

### **1. Project Details**

- Part Name/Description:
- Application/Purpose:
- Estimated Annual Volume:

### **2. Part Design Information**

- Technical Drawings or CAD Models Provided: ☐ Yes ☐ No
- File Type:
- Critical Dimensions and Tolerances:
- Surface Finish Requirements:
- Core Print Requirements: ☐ Yes ☐ No
- Details:

### **3. Material Requirements**

- Metal or Alloy Type:
- Estimated Weight of Final Casting:
- Special Material Specifications (if any):

### **4. Pattern Details**

- Pattern Material Preference: ☐ Wood ☐ Plastic ☐ Aluminum ☐ Other:
- New or Existing Pattern: ☐ New ☐ Existing
- If existing, provide details or photos:
- Core Boxes Required: ☐ Yes ☐ No
- Quantity and Complexity:

### **5. Molding and Casting Process**

- Casting Process: ☐ Green Sand ☐ Resin-Bonded Sand ☐ Investment Casting ☐ Other:
- Mold Type: ☐ Flask Sizes ☐ Matchplate ☐ Loose Pattern
- Machining Allowance:

### **6. Lead Time and Delivery**

- Required Timeline/Deadline:
- Delivery Location:

### **7. Additional Considerations**

- Testing and Inspection Requirements:
- ☐ Non-Destructive Testing (NDT)
- ☐ X-Ray
- ☐ Dimensional Checks
- Special Requirements (e.g., heat treatment, certifications, coatings):