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| **Required Quality Information** | | | |
| Please gather the following information in a binder or envelope marked “Quality” and submit it with your bid package. If you have any questions relative to the required information, please contact your Allison Transmission, Inc. (ATI) Supplier Quality Engineer for clarification. **All information must relate to the manufacturing site where the product will be manufactured and must reference the RFQ number and part numbers.** ***All listed information is required in your Quote Package. Be prepared to answer questions during the Technical Review Meeting.*** Note: Referenced AT-1927 documents indicate required formats as specified | | | |
| **Required Information** | **Explanation** | **Reference** | **Submitted** |
| Engineering | | | |
| Engineering & Technical Support | Identify where the engineering and technical support will be located.  Explain how they communicate with the manufacturing location. |  |  |
| Outsourcing of Prototype Manufacturing (if applicable) | Include plans for tracking and maintaining responsibility for all prototype tools, parts and  GP-11 requirements. |  |  |
| **Manufacturing** | | | |
| Facilities | Identify where the facility is located / DUNS #.  Describe the facility's experience with supplying to ATI and/or other OEMs.  Describe any modifications required to the facility. Provide layout.  Has any SQE from ATI reviewed the facilities? If so, who and when? |  |  |
| Preliminary Process Flow Chart | Identify any special manufacturing techniques, test methods or containment procedures utilized.  Identify any new manufacturing technologies & training needs for the organization. |  |  |
| Tooling & Equipment | Describe in detail what is included in the tooling price. |  |  |
| Timing Charts | Highlight any concerns relative to timing that may impact providing a quality process/part on time. | AT-1927-2 or equivalent |  |
| Preliminary PFMEA | Include potential failures, potential causes and error occurrence prevention/defect outflow detection.  Explain how the PFMEA is used for continuous improvement and how lessons learned are incorporated. | AIAG FMEA |  |
| Environmental Management System |  Proof of compliance to ISO14001 and ATI requirements.   Proof of IMDS acceptance |  |  |
| **Quality** | | | |
| Preliminary Process Control Plan | Include error proofing and any part traceability techniques. | AIAG APQP |  |
| Warranty Plans | Describe plans to meet IPTV targets.  Provide warranty data for similar parts, and plans for error proofing, data analysis & record keeping. |  |  |
| Customer Returns Process | Describe the process used to manage the problem-solving activities on suspected non-conforming parts reported by ATI.  Include the organization’s structure that manages and executes the returns process. |  |  |
| Capability Studies | Provide capability data on similar parts and tolerances. |  |  |
| Quality Improvement Plans | Include quality data showing current performance, continuous improvement methodology and action plans. |  |  |
| Gages / Checking Fixtures | Describe in detail what gages/checking fixtures are planned. | AT-1927-27 |  |
| End of Line / Functional Testing | Describe in detail what continuous compliance testing is planned.  Describe the manufacturing facilities testing capabilities. |  |  |
| IATF16949 or ISO9000 Registration | Include proof of registration to ATI specific requirements.  If the manufacturing facility does not have registration (suppliers with new facilities), submit registration timeline/implementation plan. |  |  |
| **Program Management** | | | |
| Organizational Information |  Provide a company overview highlighting joint venture relationships, business over time and import experience (if applicable).  Provide an organization chart identifying people who will be involved in quality and program management. |  |  |
| Launch Experience | Describe new product launches, experiences and lessons learned. |  |  |
| Training Programs | Describe the operator-training program. Are critical operations identified? |  |  |
| Team Feasibility Commitment | Identify any concerns with any areas of program execution. | AIAG APQP Appendix E |  |
| **Subcontractor Management** | | | |
| Subcontractor Plans | Describe plan for management of subcontractors (in-house resources/expertise, APQP, etc.).  Identify proposed component suppliers and/or sourcing plans for subcontractors.  Explain subcontractor capacity and Run @ Rate plans.  Describe plan to manage quality issues related to subcontractors. |  |  |
| Complex Systems / Subassemblies | Describe experience with Complex Systems/Subassemblies.  Describe supply chain communication process that supports engineering data, customer requirements, scheduling, etc. |  |  |
| Sequencing | Describe experience with Build In-line Vehicle Sequence and/or Ship In-line Vehicle Sequence.  Describe plan for managing broadcast requirements. |  |  |