

# FRONTIER ELECTRONIC SYSTEMS HI-REL SUPPLIER SURVEY REPORT

TYPE OF SURVEY  Mail-Out  On-Site  Phone  Recertification  Follow-up  
 Surveyor: \_\_\_\_\_ Survey Date: \_\_\_\_\_

## SUPPLIER'S QUALITY SYSTEM

**A. SUPPLIER** **SURVEY DATE:** \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Quality Manager: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Supplier Contact: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Website: \_\_\_\_\_

**B. SURVEY INFORMATION (FES)**  
 1. Surveyed to: AS9100, ISO9000, Process per Attachment

**C. SUPPLIER INFORMATION**

1. Identify below or attach a list of the types/categories of Products Manufactured:  
 \_\_\_\_\_  
 \_\_\_\_\_
2. Number of shifts: 1 \_\_\_\_\_, 2 \_\_\_\_\_, 3 \_\_\_\_\_ **YES** **NO**  
 Number of employees: \_\_\_\_\_
3. Number in Quality: \_\_\_\_\_ Years in business: \_\_\_\_\_
4. Do you have a delegated active Material Review Board? \_\_\_\_\_  
 a. Delegated by? \_\_\_\_\_
5. Calibration performed: In-house \_\_\_\_\_ Outside: \_\_\_\_\_ Both: \_\_\_\_\_
6. Is GSI (Government Source Inspection) available? \_\_\_\_\_  
 a. Is GSI resident \_\_\_\_\_ Itinerant \_\_\_\_\_
7. Percent Government business: \_\_\_\_\_%
8. Is a Security Clearance required for visiting your facility? \_\_\_\_\_  
 a. If YES, which level: Confidential \_\_\_\_\_, Secret: \_\_\_\_\_, Other: \_\_\_\_\_

**D. SUPPLIER BACKGROUND INFORMATION**

1. Supplier's experience with FES purchase orders: None \_\_\_\_\_, Past \_\_\_\_\_, Present \_\_\_\_\_  
 a. If past or present, list product types: \_\_\_\_\_
2. Supplier's major customers and programs:
 

Customer	Program	Location
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**D. SUPPLIER BACKGROUND INFORMATION CONT'D**

# FRONTIER ELECTRONIC SYSTEMS HI-REL SUPPLIER SURVEY REPORT

3. Is the Supplier ISO 9000 Certified?                      Yes:                       No:

ISO 9001                       Other: \_\_\_\_\_

List any other Certifications Presently held

Certification	Specification	Certified By

NOTE: Please attach a copy of your Companies ISO Certification if applicable

NOTE: Please attach copies of any other pertinent Certifications

4. List Process Capabilities:

<u>Process</u>	<u>In Accordance with</u>	<u>Mil-Spec</u>

## E. FINANCIAL INFORMATION

1. Name and Address of your Banking Institution.

\_\_\_\_\_  
\_\_\_\_\_

Account: \_\_\_\_\_

Contact: \_\_\_\_\_

2. Name and Address of Three Credit References  
(Concerns from whom you may have Purchases Materials)

Name	Address	Contact	Phone

3. If Major sales volume is to be considered, Please send/attach the following for the past 2 years:

- a. Financial Statement
- b. Balance Sheet
- c. Profit & Loss Statement
- d. Uses of Funds Report
- e. Annual Sales Revenue

# FRONTIER ELECTRONIC SYSTEMS HI-REL SUPPLIER SURVEY REPORT

## F. ORGANIZATION

1. QA/QC Management

Name:	Title	Phone	Email
_____	_____	_____	_____
_____	_____	_____	_____

2. Manufacturing Management

Name	Title	Phone	Email
_____	_____	_____	_____
_____	_____	_____	_____

3. Sales Management

Name	Title	Phone	Email
_____	_____	_____	_____
_____	_____	_____	_____

4. What is the number of Inspection Personnel in your facility? \_\_\_\_\_

5. How many are Full-Time \_\_\_\_\_ Part-Time \_\_\_\_\_

6. What is the Ratio of Production Direct Personnel to Inspection Direct Personnel \_\_\_\_\_ :

7. Do you have a company organization chart?  Yes  No  N/A

8. Do you have a Quality Organization chart?  Yes  No  N/A

9. Does your Company have a Quality Manual  Yes  No  N/A

NOTE: Please return a copy of your Quality Manual with this survey if Yes.

10. Is your Quality System in Accordance with:

ISO \_\_\_\_\_ DAR 7-103.5 \_\_\_\_\_ FAR 52.246-2 \_\_\_\_\_

Other \_\_\_\_\_

	YES	NO	N/A
11. Is there <b>an</b> Inspection plan in Lieu of a Quality Manual?	_____	_____	_____
12. Does your Quality Manual describe Quality's responsibility and Authority?	_____	_____	_____
13. Is your Quality Manual/Inspection plan available for use by all Quality Personnel?	_____	_____	_____
14. Your Quality Manual/Inspection plan is issued to: (Mark all that Apply) <input type="checkbox"/> Managers <input type="checkbox"/> Supervisors <input type="checkbox"/> Inspectors <input type="checkbox"/> Others			
15. Is the Inspection/Test system documented?	_____	_____	_____
16. Is there standard procedure for personal training & quality inspection activity?	_____	_____	_____
17. Do Personnel performing quality functions have sufficiently well-defined responsibilities, authority, and organizational freedom to:			
a. Identify and evaluate quality problems?	_____	_____	_____
b. Initiate, recommend or provide solutions?	_____	_____	_____
18. Are there inspection plans and product flow charts prepared and maintained, that show the location of inspection stations?	_____	_____	_____
19. Does documentation show that management regularly reviews the status of the quality program?	_____	_____	_____

# FRONTIER ELECTRONIC SYSTEMS HI-REL SUPPLIER SURVEY REPORT

	YES	NO	N/A
<b>G. INITIAL QUALITY PLANNING</b>			
1.Are contracts reviewed to identify and make timely provisions for special or unusual quality requirements?	_____	_____	_____
<b>H. WORK INSTRUCTIONS</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
1.Are all inspections and tests documented?	_____	_____	_____
a. Does this include in-process inspections/tests?	_____	_____	_____
b. Is documentation clear, complete and current?	_____	_____	_____
c. Is documentation available?	_____	_____	_____
2.Are detailed instructions used for all operations that affect quality?	_____	_____	_____
3.Are instructions reviewed/monitored by Quality for:			
a. Accuracy?	_____	_____	_____
b. Completeness?	_____	_____	_____
c. Worker compliance?	_____	_____	_____
4.Are personnel trained in the use of Work Instructions, Procedures, etc.	_____	_____	_____
<b>I. QUALITY RECORDS</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
1. Are current, complete and accurate records of quality activities on file and maintained?	_____	_____	_____
2.Do inspection/test records indicate the:			
a. Nature and number of observations made?	_____	_____	_____
b. Number and types of deficiencies found?	_____	_____	_____
c. Quantities approved and suspended?	_____	_____	_____
d. Nature of corrective action?	_____	_____	_____
3.Does management action reflect the use of quality records data and analysis?	_____	_____	_____
4.Are in process inspections documented in such a manner as to provide a positive inspection status of items/materials?	_____	_____	_____
5.Does your company perform any Sampling Inspections?	_____	_____	_____
6.Are Records maintained as a source of objective Quality Evidence and traceable to Sub-Suppliers, for review by Customer/Government Agencies?	_____	_____	_____
7.Number of Years maintained? _____			
<b>J. CORRECTIVE ACTION</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
1.Does your Company maintain a system that assign responsibility and implements corrective action?	_____	_____	_____
2.Does corrective action extend to suppliers?	_____	_____	_____
3.Do you take Corrective Action on buyer reported deficiencies?	_____	_____	_____
4.Is product examination conducted on scrap and rework to determine the extent and causes of defects?	_____	_____	_____
5.Is the effectiveness of corrective action reviewed?	_____	_____	_____

# FRONTIER ELECTRONIC SYSTEMS HI-REL SUPPLIER SURVEY REPORT

		YES	NO	N/A
<b>J.</b>	<b>CORRECTIVE ACTION CONT'D</b>			
	6. Is statistical analyses used to identify quality trends and gain corrective action?	_____	_____	_____
	a. Does data include items submitted to the customer?	_____	_____	_____
	b. Are causes of potential defects identified and corrected?	_____	_____	_____
	c. Are there charts and graphs that reflect sufficient data, causes and corrective actions to substantiate adequate process controls thus assuring the quality of the product?	_____	_____	_____
	7. Is corrective action documented and available for customer/government review?	_____	_____	_____
<b>K.</b>	<b>COSTS RELATED TO QUALITY</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
	1. Is quality cost data collected and used as a management tool to prevent or correct unfavorable trends and minimize total expenditures?	_____	_____	_____
	2. Does management know the cost of scrap and rework in comparison to the cost of preventing scrap and rework?	_____	_____	_____
	3. Are cost of quality data available for customer /government review?	_____	_____	_____
<b>L.</b>	<b>DRAWINGS, DOCUMENTATION AND CHANGE CONTROL</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
	1. Are the latest applicable engineering drawings, specifications, and instructions available at the time and place of inspection?	_____	_____	_____
	a. Of test?	_____	_____	_____
	b. Of production?	_____	_____	_____
	2. Are there written procedures describing change control for items such as Engineering Changes, Deviations, and Waivers?	_____	_____	_____
	3. Do records show the effectivity of change incorporation?	_____	_____	_____
	4. Do procedures ensure the current levels, completeness and adequacy of drawings?	_____	_____	_____
	5. Are obsolete drawings removed from operating areas?	_____	_____	_____
	6. Are there procedures for processing change proposals that require government and/or customer approval?	_____	_____	_____
	7. Is there sufficient documentation to produce articles in conformance with design and engineering requirements?	_____	_____	_____
	8. Are configurations listed on the contract/purchase order(s) flowed thru production to final inspection?	_____	_____	_____
	9. Does the change control system provide for controlled distribution of drawing changes and change order.	_____	_____	_____
	10. Does the system cause documents with correct change levels to be used in manufacturing, inspection and test area?	_____	_____	_____
	11. Does Change control system provide for controlled distribution of drawing changes and change orders?	_____	_____	_____
	12. Does the system cause documents with correct change levels to be used in manufacturing, inspection and test areas?	_____	_____	_____

# FRONTIER ELECTRONIC SYSTEMS HI-REL SUPPLIER SURVEY REPORT

		YES	NO	N/A
<b>L.</b>	<b>DRAWINGS, DOCUMENTATION AND CHANGE CONTROL CONT'D</b>			
	13. Do shop orders, travelers, routing sheets, sequential work instructions, etc., indicate correct drawing change level?	_____	_____	_____
	14. Are customer furnished drawings, specifications and contract changes adequately controlled?	_____	_____	_____
<b>M.</b>	<b>MEASURING AND TEST EQUIPMENT</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
	1. Is a list of measuring/test equipment available and maintained?	_____	_____	_____
	2. Is calibration performed: In-house_____, Outside_____, Both_____?	_____	_____	_____
	3. Does the calibration system comply with <b>ISO10012-1 &amp; ANSI-2540-1</b> ?	_____	_____	_____
	4. Is the specialized test equipment used for acceptance purposes in calibration?	_____	_____	_____
	5. Are the necessary gauges and test equipment available?	_____	_____	_____
	6. Is the test and measuring equipment properly maintained?	_____	_____	_____
	7. Are the measurement standards certified and traceable to current government standards?	_____	_____	_____
	8. Does the equipment control system:			
	a. Prevent the use of inaccurate equipment?	_____	_____	_____
	b. Provide for prompt repair and replacement?	_____	_____	_____
	9. Are the supplier's subcontractors required to have a system which ensures the accuracy and calibration of their test and measuring equipment?	_____	_____	_____
	10. Is the measuring and test equipment used for acceptance purposes identified to indicate the date last calibrated, by whom, and next calibration date?	_____	_____	_____
	11. Are approved test procedures or tech manuals used to calibrate special test equipment?	_____	_____	_____
<b>N.</b>	<b>PRODUCTION TOOLING USED AS A MEDIA OF INSPECTION</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
	1. Is all tooling used as inspection equipment proved for accuracy prior to use?	_____	_____	_____
	2. Is such tooling re-inspected at established intervals?	_____	_____	_____
	3. Are tooling re-inspection intervals as frequent as needed?	_____	_____	_____
	4. Is computer tooling (tapes, discs, downloads, etc.);			
	a. Proved for accuracy prior to use?	_____	_____	_____
	b. Under configuration verification and control?	_____	_____	_____
	c. Periodically re-verified for accuracy?	_____	_____	_____
<b>O.</b>	<b>USE OF SUPPLIER'S INSPECTION EQUIPMENT</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
	1. Is inspection/test equipment made available to customer Quality for verification of the supplier's results?	_____	_____	_____
	2. Are supplier personnel provided to perform/assist if needed?	_____	_____	_____
	3. Are all associated inspection/test documentation available for Government/FES review?	_____	_____	_____

## FRONTIER ELECTRONIC SYSTEMS HI-REL SUPPLIER SURVEY REPORT

	YES	NO	N/A
<b>P. ADVANCED METROLOGY REQUIREMENTS</b>			
1.Are requests for proposals and/or contracts reviewed to identify unusual precision measurement requirements?	_____	_____	_____
2.Does the review include the identification of precision measurement needs that exceed the known "State Of the Art"?	_____	_____	_____
<b>Q. CONTROL OF PURCHASES – RESPONSIBILITY</b>			
1.Do you have a Qualified Supplier List or equivalent?	_____	_____	_____
2.Are Quality surveys used to qualify/re-qualify suppliers?	_____	_____	_____
3.Are components procured from only a Qualified Products List (QPL), Government/FES, or customer approved list/suppliers?	_____	_____	_____
4.Is part of the criteria for supplier selection based upon the supplier's past record of performance?	_____	_____	_____
5.Do you have a method of removing obsolete and unacceptable suppliers?	_____	_____	_____
6.Are quality surveys and source inspections utilized for ensuring product quality?	_____	_____	_____
7.Is receiving inspection used to assure product quality?	_____	_____	_____
<b>R. CONTROL OF PURCHASES - PURCHASING DATA</b>			
1.Do purchasing documents contain a complete description of the supplies ordered and include by statement or reference all requirements for Mil-Spec, configuration, manufacturing, inspection, testing and packing?	_____	_____	_____
2.Does the supplier maintain complete control of any design changes requested or required by their suppliers?	_____	_____	_____
3.Are purchase orders screened/monitored for all quality requirements including the use of only approved suppliers?	_____	_____	_____
4.Are established written procedures utilized for the Quality Control of purchased materials and services?	_____	_____	_____
5.Do you require, and maintain on file, all certifications of material if required by purchase order?	_____	_____	_____
6.Are quality performance records maintained for suppliers?	_____	_____	_____
7.Is there a supplier quality performance rating system in effect?	_____	_____	_____
8.Are procurement documents reviewed for quality requirements prior to release?	_____	_____	_____
9.Do provisions exist for including government source inspection (GSI) as applicable on purchase orders?	_____	_____	_____
10.Do you have a counterfeit parts avoidance process in place compliant with AS5553?	_____	_____	_____
a. Are there any counterfeit parts issues (reference GIDEP, ERAI, and other tools);	_____	_____	_____
b. Supplier’s vendor selection process prefers authorized sources;	_____	_____	_____
c. Supplier has compliance procedures for moisture sensitive product handling standards;	_____	_____	_____

## FRONTIER ELECTRONIC SYSTEMS HI-REL SUPPLIER SURVEY REPORT

R.	CONTROL OF PURCHASES - PURCHASING DATA CONT'D	YES	NO	N/A
	d. Supplier has requirement for minimal inspection to IDEA-STD-1010 of product purchased from unauthorized suppliers; and	_____	_____	_____
	e. Supplier has procedures for containment and non-return of parts deemed to be counterfeit.	_____	_____	_____
S.	MATERIAL CONTROL	YES	NO	N/A
	1. Are all materials and supplies inspected upon receipt to assure technical conformance?	_____	_____	_____
	2. Are raw materials inspected for conformance to the applicable physical, chemical and technical requirements using lab analysis as necessary?	_____	_____	_____
	3. Are Materials traceable to the Chemical/Physical Analysis, Certifications of compliance, or test documents?	_____	_____	_____
	4. Do receiving inspection records indicate acceptance or rejection of incoming material, including quantities?	_____	_____	_____
	5. Do you require your suppliers to exercise the same controls for raw materials?	_____	_____	_____
	6. Are there controls to prevent the use of non-conforming raw materials?	_____	_____	_____
	7. Does your company have controls to properly segregate customer furnished material and assure its use in the intended end item?	_____	_____	_____
	8. Does your company have procedures for the control and issuance of material for production use?	_____	_____	_____
	9. Do you maintain shelf-life controls over all material where applicable?	_____	_____	_____
	10. Is receiving inspection preplanned?	_____	_____	_____
	11. Are copies of test reports/certifications on file?	_____	_____	_____
	12. Do inspection files contain supplier documents received and the results of receiving inspection /tests?	_____	_____	_____
	13. Do incoming lots exhibit evidence <u>of</u> supplier and/or government source inspection when required?	_____	_____	_____
T.	PRODUCT PROCESSING AND FABRICATION	YES	NO	N/A
	1. Do you have published workmanship standards?	_____	_____	_____
	a. What basic standard does the Workmanship Manual satisfy?	_____	_____	_____
	Other: _____	_____	_____	_____
	2. Are production operations accomplished under controlled conditions?	_____	_____	_____
	3. Is accept/reject criteria being provided for product inspections and for monitoring methods, equipment and personnel?	_____	_____	_____
	4. Does Quality monitor	_____	_____	_____
	a. The processing environment?	_____	_____	_____
	b. The necessary degree of certification, inspection, and authorization required for special and complex processes?	_____	_____	_____
	5. Is adequate criteria provided for significant accept/reject decisions	_____	_____	_____



# FRONTIER ELECTRONIC SYSTEMS HI-REL SUPPLIER SURVEY REPORT

	YES	NO	N/A
<b>T. PRODUCT PROCESSING AND FABRICATION CONT'D</b>			
6. Are shop orders, travelers, work instructions etc., used which describe manufacturing operations?	_____	_____	_____
7. Are process specifications/procedures used which define complex operations such as assembly, welding, X-ray, plating, cleaning, and testing?	_____	_____	_____
8. Are records of all inspections and tests performed available?	_____	_____	_____
9. Do shop orders travelers, work instructions and process specifications contain adequate quality requirements?	_____	_____	_____
10. Is objective evidence available which indicates that quality personnel review/approve all shop orders, travelers, work instructions, test procedures and process specifications?	_____	_____	_____
11. Is adequate segregation and identification maintained to preclude missing of in process, accepted rejected lots?	_____	_____	_____
12. Is "in-process" inspection accomplished at critical operations throughout manufacturing?	_____	_____	_____
<b>U. COMPLETED ITEM INSPECTION AND TESTING</b>			
1. Are completed items given a final inspection/test?	_____	_____	_____
2. Does final inspection verify that items conform to the latest drawing configurations listed on the purchase order?	_____	_____	_____
3. Is final test performed to customer approved documentation?	_____	_____	_____
4. Is final inspection, acceptance and/or test preplanned and performed either by, or under the surveillance of Quality control?	_____	_____	_____
5. Is re-inspection and re-test performed on all items that have been reworked, repaired or modified after initial testing?	_____	_____	_____
a. Is this documented in a procedure?	_____	_____	_____
6. Are items that do not meet inspection and/or test criteria removed from product flow, segregated and held pending rework or other disposition?	_____	_____	_____
<b>V. HANDLING, STORAGE AND DELIVERY</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
1. Are there adequate work and inspection instructions for the handling, storage and delivery of material?	_____	_____	_____
2. Are all items, which can deteriorate or corrode, properly cleaned and preserved prior to and during storage?	_____	_____	_____
3. Does all material to be stored show evidence of inspection?	_____	_____	_____
4. Are controls in use to assure packaging to Contract Requirements?	_____	_____	_____
<b>W. NON-CONFORMING MATERIAL</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
1. Are discrepant materials promptly and adequately identified and separated from normal work operations?	_____	_____	_____
2. Is nonconforming material identified to the applicable rejection document?	_____	_____	_____

## FRONTIER ELECTRONIC SYSTEMS HI-REL SUPPLIER SURVEY REPORT

	YES	NO	N/A
<b>W. NON-CONFORMING MATERIAL CONT'D</b>			
3 Is nonconforming and scrap material segregated? How is it Identified? _____	_____	_____	_____
4. Are adequate holding areas available and used?	_____	_____	_____
5. Are there written procedures for:			
a. Controlling non-conforming supplies?	_____	_____	_____
b. Repair, rework and dispositioning?	_____	_____	_____
c. Only using customer/government approved standard repairs?	_____	_____	_____
d. Statistically controlling the use of standard repairs?	_____	_____	_____
6. Is there a functioning Material Review Board (MRB)?	_____	_____	_____
7. Is MRB or customer approval required prior to any repair?	_____	_____	_____
8. Are the responsibilities of MRB defined and documented?	_____	_____	_____
9. Are supplies requiring spec change, engineering change, deviation and waiver included in MRB?	_____	_____	_____
10. Is there a procedure that provides for the review and disposition on nonconforming material including provision for rework, scrap, repair, return to supplier, use as is, and/or submitted to the customer for disposition when required?	_____	_____	_____
<b>X. INDICATION OF INSPECTION STATUS</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
1. Are inspection stamps or other quality status devices used and controlled?	_____	_____	_____
a. Are they different from the Government's/FES's stamps?	_____	_____	_____
2. Is objective evidence of inspection status/identification of each article available and maintained from the time of receipt of material through delivery to the customer?	_____	_____	_____
3. Is inspection identification traceable to the individual performing the inspection function through inspection stamp impression or other acceptable methods?	_____	_____	_____
<b>Y. STATISTICAL QUALITY CONTROL</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
1. Do personnel have instructions for performing sampling inspection?	_____	_____	_____
2. Is sampling inspection/test only performed per the requirements of other Government/FES approved plans?	_____	_____	_____
3. Do you know the degree of protection afforded by your sampling methods and techniques?	_____	_____	_____
4. Are statistical charts that provide effective control of quality in use?	_____	_____	_____
5. Does the procedure allow for customer approval of the sampling plan?	_____	_____	_____
<b>Z. COORDINATED FRONTIER AND/OR GOVERNMENT/SUPPLIER ACTIONS</b>	<b>YES</b>	<b>NO</b>	<b>N/A</b>
1. Do purchasing documents require customer or Government source inspection of subtier suppliers only when the customer and/or government so requests?	_____	_____	_____
2. Are copies of applicable purchase documents provided to the customer rep at the subtier's facility?	_____	_____	_____

# FRONTIER ELECTRONIC SYSTEMS HI-REL SUPPLIER SURVEY REPORT

**Z. COORDINATED FRONTIER AND/OR GOVERNMENT/SUPPLIER ACTIONS CONT'D**

a. Does this include all applicable referenced documents? \_\_\_\_\_

**AA. GOVERNMENT FURNISHED MATERIAL (GFM) YES NO N/A**

1. Is GFM examined upon receipt for quantity, completeness and type? \_\_\_\_\_

2. Is functional test performed when required by contract? \_\_\_\_\_

3. Is there a system to assure that customer/Government furnished equipment, material, and are used in accordance with contract requirements and protected from unauthorized use or disposition? \_\_\_\_\_

4. Is a system maintained for receiving and controlling government/customer furnished equipment/property/material? \_\_\_\_\_

5. Are records available indicating evidence of conformance to the above instructions. \_\_\_\_\_

**BB. DAMAGED GFM YES NO N/A**

1. Is GFM examined upon receipt to detect damage in transit? \_\_\_\_\_

2. Are precautions taken during storage against damage and deterioration? \_\_\_\_\_

a. Are these precautions and storage areas monitored? \_\_\_\_\_

3. Does the supplier record and report to the Government Rep GFM that is found damaged, malfunctioning, or is otherwise unsuitable for use prior to, during or after installation? \_\_\_\_\_

4. Is GFM properly notated on the supplier's shipping documents? \_\_\_\_\_

**CC. GOVERNMENT PROPERTY - BAILED PROPERTY YES NO N/A**

1. Does the supplier inspect bailed property periodically? \_\_\_\_\_

2. Does the supplier adequately store and maintain bailed property? \_\_\_\_\_

3. Are records of inspection and maintenance of bailed property available for review by the Government Rep.? \_\_\_\_\_

**DD. TRAINING AND CERTIFICATION YES NO N/A**

1. Are certification programs monitored by Quality? \_\_\_\_\_

2. Are operations personnel trained in the use of basic procedures? \_\_\_\_\_

3. Are special process operators trained and certified? \_\_\_\_\_

4. Does supplier use customer approved processors/personnel when required by contract? \_\_\_\_\_

5. Are applicable test performed to verify process controls and quality of items processed? \_\_\_\_\_

6. Are process controls and monitoring provided where quality cannot be assured by inspection alone? \_\_\_\_\_

**DD. TRAINING AND CERTIFICATION CONT'D YES NO N/A**

## FRONTIER ELECTRONIC SYSTEMS HI-REL SUPPLIER SURVEY REPORT

7. Is a system and records maintained which reflect certification of special process? \_\_\_\_\_

**EE. RESERVATION, PACKING AND SHIPPING**

**YES NO N/A**

1. Is there a system ensuring that customer requirements for identification, packaging, packing and documentation are complied with? \_\_\_\_\_

2. Are packaging and preservation operations under quality surveillance? \_\_\_\_\_

3. Does that quality function maintain objective evidence reflecting inspection of identification, packing and that required documents are enclosed? \_\_\_\_\_

4. Does the system assure that all items have passed required inspections and test prior to shipping? \_\_\_\_\_

**FF. AUDIT OF RELIABILITY AND QUALITY**

**YES NO N/A**

1. Are random audits of the quality/reliability program, procedures, and performance made on an unannounced basis? \_\_\_\_\_

2. Are audits made to determine the adequacy of inspections and tests? \_\_\_\_\_

**GG. ELECTROSTATIC DISCHARGE (ESD)**

**YES NO N/A**

1. Does the company have a documented ESD control program? \_\_\_\_\_

ANSI/EIA-625 \_\_\_\_\_, MIL-HDBK-263 \_\_\_\_\_, MIL-STD-1686 \_\_\_\_\_

2. Are personnel instructed in the requirements of ESD control applicable to their function? \_\_\_\_\_

3. Do manufacturing documents include specific instructions for ESD control? \_\_\_\_\_

4. Are ESD workstations utilized during all phases of ESD sensitive hardware manufacturing and handling? \_\_\_\_\_

5. Do packaging/shipping personnel utilize proper procedures and materials in the handling/packaging of ESD sensitive items? \_\_\_\_\_

6. Is ESD test equipment properly calibrated? \_\_\_\_\_

7. Do you have a FOD prevention process in place compliant with NAS412 or equivalent? \_\_\_\_\_

THE DATA FURNISHED HERewith IS CORRECT AND RECORDS ATTESTING TO THE ABOVE ARE ON FILE AND AVAILABLE FOR CUSTOMER/GOVERNMENT REVIEW.

\_\_\_\_\_  
Typed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Please attach any documentary evidence of governmental acceptance of your Quality Program

**FRONTIER ELECTRONIC SYSTEMS  
HI-REL SUPPLIER SURVEY REPORT**

**NOTE:** Upon completion, return to: FRONTIER ELECTRONIC SYSTEMS CORP.  
P.O. BOX 1023  
STILLWATER, OK 74076-1023  
**ATTN: Purchasing Manager**

Or fax to: 405-624-5355  
**ATTN: Purchasing Manager**

**ANY QUESTIONS? 405-624-1769**