

## VENDOR SYSTEM CERTIFICATION

Testing and Certification of Contractor Electronic Data Interchange (EDI) Capabilities, Bar Coding and Product Packaging and Delivery.

**End to End Electronic Transaction Testing:** JPL will submit a number of test purchase order transactions (850) and purchase order cancellations for returns and cancellations (860). The Contractor will provide electronic acknowledgment (997).

### **Vendor System Testing:**

a. Pre-Test:

Orders, returns, and cancellations will be placed, using EDI, for up to ten (10) consecutive business days in groups of increasing size (10, 20, 30, 40 order lines, called an "order test group"). Testing will move on to the next higher size order test group at the mutual decision of JPL and the Contractor. The Contractor will send labels to arrive at JPL the next business day. For 10% of the orders, the Contractor will attach a statement of the actual quantity contained in the boxes. Payment will be aged one (1) business day, and returns made within three (3) business days. Testing will continue until two (2) consecutive order test groups containing thirty (30) or more order lines each has no faults detected. A fault is any error or misrepresentation in the bar code (including low-grade readability), or error discovered in reconciliation of payment with JPL or the Contractor.

Test scenarios will cover:

- Orders filled completely by the Contractor;
- Orders filled with other than the quantity stated on the bar-coded label ("improper quantity," both short and over shipment);
- Single and multiple returns. JPL will return entire orders and also partial orders; and
- Canceled orders, with cancellation occurring before shipment and between shipment and receipt at JPL.

b. Full Test:

JPL will place active orders from the JIT Test Team after completion of the successful Pre-Test.

Testing will continue for a period of up to five (5) consecutive business days in groups of increasing size as discussed in the Pre-Test above.

After successful completion of the Pre-Test and the Full Test, the system will be certified for production.