FORT DEFIANCE INDUSTRIES

Kit Design & Development – Proven Process

1. Hold Voice of the Customer Meetings to Download all Customer Requirements
    a. Protection Level
    b. Environmental Ratings and Required Testing
    c. Cube/Weight Requirements
    d. Other
2. Finalize BOM and Determine Component Specifications
3. Develop 3D CAD Model of Mil-Spec Case with Custom Foam Cutouts Considering the Following:
    a. Component Protection (as required)
    b. Human Factors (physical location, ease of access and handling)
    c. Weight Distribution and Foam Density/Type
    d. Smallest Possible Case Form Factor
    e. Order and Sequence of Part Usage
    f. Shape, Dimension of Case, Handle Locations, Wheels, and Venting
4. Price the BOM, Case, and Provide Final Customer Quote
5. Order Prototype Case and Components
6. Build Kit and Refine as Needed
7. Perform Environmental Testing as Required
8. Finalize for Delivery
    a. Create Visual BOM to Identify Components and Show Layout
    b. Install Laser Engraved Nameplates (FDI P/N, NSN, UID)
    c. Perform Full/Final QC Prior to Shipment
9. Upload to FDI ECAT (Contract #: SPE2DH-22-D-0016) for Ease of Acquisition

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