AMC
AMERICAN METALCASTING CONSORTIUM

The Integrated Casting Ordering Network (ICON) Delivers for DLA

The primary objective of the ICON web portal is to create a dynamic marketplace that facilitates the connection between Defense Logistics Agency (DLA) procurement activities and a proficient supply base specializing in critical cast components for the warfighter. ICON, a project under AMC's Innovative Casting Technologies (ICT) program and led by the Non-Ferrous Founders' Society (NFFS), played a pivotal role in the timely delivery of high-quality, cost-effective cast parts, and showcased the collaborative efforts within the American Metalcasting Consortium (AMC) to innovate and enhance the efficiency of the metalcasting industry for DLA.

SUCCESS STORY

Problem: The DLA Land and Maritime Supply Chain was having difficulty obtaining a part associated with a critical component of the FN240 Light Machine Gun. The manufacturing process required steel investment casting, and tooling was not available.

Solution: Utilizing research and solicitation features in ICON, the investment caster (Valor Group) was able to put a team together for the FN240 component leading to an award. The investment caster's innovative approach to manufacturing included the successful design of new tooling. Prior procurement component costs ranged between $302 to $600 per part. The strategy used by the investment casting team allowed them to offer the product at a reduced cost of $198.68 per part.

Benefit: Direct cost savings and the expansion into more investment casting awards for this type of part are value-added benefits to DLA. Innovation enables the supply chain and increases competition. Also, the manufacturer recognizes the opportunity of having investment casters as an approved distributor/supplier, underscoring the competitiveness and quality of steel investment cast parts.

"The ICON web portal is very productive and has provided me with needed relevant information. ICON is my "go-to " site when assisting our customers who are experiencing casting technical issues."
Mr. Greg Sprouse, AMC CAST-IT Application Engineer

For more information about AMC go to amc.ati.org