



NORTH CENTRAL INDIANA
BUSINESS ASSISTANCE CENTER, INC.

TECHNOLOGY HOT SHEET

July 2009

SUCCESS STORY

NCI Client Company, APCI, was awarded a \$1.3MM Technology Grant by Indiana's 21st Century Fund to build a full-scale working prototype of a Mechanical Linear Friction Welder. This welder will have application in aerospace, automotive, energy and medical fields to name but a few.

APCI has partnered with Purdue University's Mechanical Engineering Department and Edison Welding to complete the design and operation of this welder.

The process for receiving this state grant involved preparation of both a detailed Technology Plan as well as a comprehensive and detailed Business Plan to satisfy all the questions put forward by the 21st Fund Staff and included over 100 hours of NCI Staff time to accomplish.

HOT TECHNOLOGY OF THE MONTH

Linear Friction Welder Manufacturing-Fabrication:

NCI is searching for several regional manufacturers will would be interested in purchasing one of these welders (required investment- est. \$6.4mm) against a guaranteed 5 year contract with a major aerospace company resulting in a 6 month ROI. We have identified 2 local companies to date. Any other interested investors/companies should contact NCI for additional information.