

## IPS APPOINTS ROY, COLLINS AND ISERNIA TO ITS ADVANCED ASEPTIC TECHNOLOGIES TEAM

Lafayette Hill, PA; December 7, 2010 – Integrated Project Services (IPS), a leading, full-service engineering firm dedicated to helping clients succeed with capital projects and improve operations, today announced the strengthening of its advanced aseptic team with the addition of Robert L. Roy, PE, Senior Consultant; Jason S. Collins, RA, NCARB, Senior Process Architect and Louis Isernia, Project Manager.

IPS' Advanced Aseptic Technologies Group is considered an industry leader in providing engineering, compliance, operational consulting and construction services for technically complex aseptic projects. The Team offers the latest technology, facility design, equipment expertise, risk assessment, compliance, operational knowledge and innovative strategies that give our clients a business and competitive advantage. The group is equally adept in providing risk mitigated, cost effective business solutions for sterile facilities for non-potent as well as potent and cytotoxic compounds. The Team is led by IPS expert, Sterling Kline, RA, considered an authority in state-of-the-art aseptic processing facilities and risk-based barrier technologies.

"By strengthening our team with this caliber of talent, we further solidify our position as a proven leader in advanced aseptic and containment technologies," said Dave Goswami, PE, President and Chief Operating Officer. "We anticipate that we will continue to see repeated project success and experience more demand for our technical expertise in the pharmaceutical and biotechnology industry worldwide."

"We are pleased that Rob, Jason and Lou have joined IPS," said John Gilroy, PE, Senior Vice President and Principal. "Each brings invaluable professional experience in all phases of advanced aseptic processing and containment technology including manufacturing operations, engineering, project management and delivery, quality and qualification."

Robert L. Roy, PE brings more than twenty years of industry experience with specialized expertise in barrier isolation technology, single-use technology, potent material handling and containment, cleaning validation and Clean-In-Place (CIP) and Sterilization-In-Place (SIP) systems. Mr. Roy has the unique experience in working for a sterile equipment vendor, Bosch Packaging, Inc.; a large pharmaceutical company, Bristol-Myers Squibb and a design and operating company, Isogen, LLC, before joining IPS. He co-developed a flexible isolator configuration enabling isolated formulation and fill/finish operations within a single isolator. Mr. Roy has developed and implemented quality and qualification documentation for cleaning, environmental and clean utility monitoring and process validation programs.

Jason S. Collins, RA, NCARB is a premier process architect developing concepts of pharmaceutical facilities for various clients around the world. He uses 3-D modeling and unique visualization techniques to take clients through the conceptual layout phase and for the development of unit operations. Mr. Collins is also experienced in detail architectural design and construction related services. He has conceptualized and led the final design and construction services for state-of-the-art, sterile facilities both small and large. His most recent experience was with Jacobs Engineering, Inc. as a Process/Project Architect on multiple, technically complex projects which included programming, conceptual design, basis of design development, detail design and construction administration. Mr. Collins has also worked in the United Kingdom designing pharmaceutical and biopharmaceutical facilities throughout Europe and other parts of the world.



Louis Isernia brings twenty-five years experience in the design, construction and commissioning and qualification of aseptic, vaccine and biotech manufacturing operations. As Pfizer PGE Engineering Site Lead, Mr. Isernia led all site engineering activities in support of capital projects, renovations, new construction and energy conservation management programs. Previously, he was employed by Wyeth where he managed design teams of engineering consultants and colleagues on design, construction and commissioning of biopharmaceutical facilities including one of the largest biotechnology campuses in Ireland manufacturing key vaccines. With Day & Zimmerman and Raytheon Engineers and Constructors, Mr. Isernia held positions with increasing responsibility for design, process engineering and documentation of fill/finish facilities.

Sterling Kline, RA is a subject matter expert in aseptic facility design and sterile isolator technology. With more than 35 years of experience, Mr. Kline has completed aseptic projects ranging from clinical manufacturing pilot plants for aseptic and potent compounds; to manufacturing facilities for sterile products using vials, syringes and devices incorporating both traditional and isolation technology. He has served in senior management roles at engineering and construction service firms. Mr. Kline has also served as a director of engineering for global pharmaceutical manufacturers such as Bristol-Myers Squibb and DuPont Pharma. He is a welcomed speaker, presenting most frequently on aseptic processing, and has written numerous articles, studies, technical papers and contributed his expertise to a recently published book.

## About IPS

Integrated Project Services (IPS), <u>www.ipsdb.com</u>, is a full-service engineering firm dedicated to helping clients succeed with capital projects and improve operations. We specialize in complex facilities in high-tech and highly regulated industries providing technical consulting, engineering, construction and commissioning and qualification. For over twenty years, we have applied technical knowledge and LEAN techniques throughout the project life cycle, continually finding ways to do things better and more efficiently, delivering higher quality and controlling costs. Headquartered in Lafayette Hill, PA, IPS has branch offices in California, Indiana, Massachusetts, New Jersey and North Carolina and two locations in India, New Delhi and Hyderabad.

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