

Mathieu & Associates, L.L.C.

A Service-Disabled Veteran-Owned Small Business

Telephone: [703.868.0116](tel:703.868.0116)

www.MathieuLLC.com

E-mail: MathieuLLC@Verizon.net

SME Program Manager

A Bachelor of Science (BS) Degree in Engineering plus twenty (20) years relevant experience; or MS, PE, or PMP plus fifteen (15) years of relevant experience in any of the following disciplines: Mechanical Engineering (Marine), Electrical Engineering (Marine), Structural Analysis (Marine), Naval Architecture, Ship Design and Integration, and Engineering Management. Ten (10) years experience in Engineering Management of naval engineering programs.

Senior Naval Architect

A Bachelor of Science (BS) Degree in Naval Architecture or PE License in Naval Architecture plus ten (10) years of relevant experience. Five (5) years of progressive experience involving, ship feasibility, concept, preliminary and contract design, design integration, stability analysis, structural analysis, hydrodynamic and sea keeping analysis and vessel arrangements.

SME Engineering Manager

A Bachelor of Science (BS) Degree in Naval Architecture or PE License in Naval Architecture plus twenty (20) years of relevant experience, including ten (10) years of demonstrated experience supporting a major shipbuilding acquisition program. Ten (10) years of progressive experience involving development of Major Ship System Specifications, CDRLs, SOWs and ship feasibility, concept, preliminary and contract design, and design integration. Five (5) years experience supervising groups of engineers and technical personnel in performing engineering tasks.

Senior Marine Engineer (Mechanical)

A Bachelor of Science (BS) Degree in Engineering or PE License; plus ten (10) years of relevant experience or HS Diploma plus eighteen (18) years of relevant experience. Five (5) years of progressive experience in one of the following marine fields: Piping and Pressure Vessels; Heating, Ventilation, Air Conditioning and Refrigeration; Hydraulics and Weight Handling Equipment; Propulsion Systems; Auxiliary Systems; or Ship Support Systems.

Senior Marine Engineer (Electrical)

A Bachelor of Science (BS) Degree in Electrical Engineering or BS Marine Engineering (Electrical) or PE License plus ten (10) years of relevant experience; or MSEE or HS Diploma plus eighteen (18) years of relevant experience. Five (5) years of progressive experience in one of the following marine fields: electric propulsion systems; machinery control systems; power generation and distribution systems; or interior communications systems.

Senior Electronics/Software Engineer

A Master of Science (MS) Degree in Electronic or Software Engineering plus ten (10) years of relevant experience; or MS Electronic or Software Engineering or Bachelor of Science (BS) Degree plus eighteen (18) years of relevant experience. Five (5) years of progressive experience in the design of marine machinery control systems serving as control system network and software reviewer and/or preparation of hardware and software designs and specifications for shipboard control (machinery/navigation) systems. Experience developing cyber security policy or requirements for industrial control systems.

SME Polar Icebreaker Engineer

A Bachelor of Science (BS) Degree in Engineering or PE License plus twenty (20) years relevant experience; or BS and Master of Science (MS) plus fifteen (15) years of relevant experience in the design, acquisition and testing of polar icebreakers in any of the following disciplines: Mechanical Engineering (Marine), Electrical Engineering (Marine), Structural Analysis (Marine), Naval Architecture, Ship Design and Integration, and Engineering Management. Ten (10) years experience in Engineering Management of USCG engineering programs. SME shall have design and testing experience with existing USCG icebreakers, as well as International coast guard (including Canadian) icebreakers and commercial icebreaking/ice-strengthened

vessels. Expert in the field of marine polar technology and engineering, including design and evaluation of icebreakers, ice-strengthened ships, and offshore structures operating in the arctic and Antarctic regions. Experience with icebreaker hull ice load prediction, measurement, and structural design. Icebreaker trials and testing experience for hull and appendages including measurement system design and installation, data capture, data reduction, analysis and final reporting