

Alex Sloan, PMP

615-715-3144 | wasloan21@gmail.com | walex Sloan.com

Offshore Wind Project Manager w/ 11 yrs. in marine engineering, procurement and construction in multi-national environments.
Proven leader at the interface between multi-disciplinary renewable energy teams and program management.

Project Manager

Principle Power, Sep 2021- present

- Manage proposals, contract negotiation and execution, scope, schedule, budget, resource planning
- Coordinate client, subcontractor, supplier, regulator partners
- Maintain Integrated Master Schedule for multi-year, multi-subcontractor innovation projects through EPC phases
- Manage internal engineering work packages and deliverable deadlines alongside package managers
- Lead weekly sync meetings managing risks, change, quality, cost and lessons learned
- Progress reporting to stakeholders through status meetings and quarterly newsletters
- Develop new document and management processes in a maturing company

Key Project: PM for 3 innovation pilot projects totaling ~\$7M. Focus areas: 1) mooring spring and shared-anchor innovations enabling floating wind in shallow and deep-water depths, 2) digital-twin structural health monitoring. Managed bench testing of TFI SeaSpring and offshore installation of a structural health monitoring system on an existing FOWT.

Key Project: PM for FLOWIN Prize: DOE-administered prize for developing floating wind manufacturing readiness in the United States. Coordinate manager-level decision makers, internal engineering, fabrication and strategy teams, as well as industry steering committees to prepare FLOWIN proposals and reports.

Deputy Program Manager

Gibbs & Cox, Mar 2019 – Aug 2021

- Develop engineering and subcontractor proposals: scopes, estimates, scheduling
- Managed RFQ processes, OFE procurement, shipyard fabrication SOWs
- Shipyard on-site representation, new business development
- Managed schedules, budgets, and resources for internal and external stakeholders
- Lead weekly program & technical meetings
- Progress reporting to clients and senior leadership

Key Project: USV Hull & Platform Lead: Managed structural, mechanical, electrical engineering and construction for an autonomous naval vessel in multiple integration phases. Established requirements, developed engineering/construction scopes. Utilized agile commercial background to guide learning curve on a first-of-kind project in a start-up division.

Marine Mechanical Engineer II

MiNO Marine, Feb 2013 – Feb 2019

- Mechanical Engineering Group Lead
- Performed shipyard and OEM vendor liaison and onsite representation
- Evaluated WTG heavy lift cargo layouts, developed wind farm feeder vessel logistics studies
- Developed engineering design proposals: scopes, estimates and scheduling
- Designed piping and electrical systems, specified equipment lists, arrangements and weight estimates

Key Project: Block Island Wind Farm Feeder Vessel Support: Engineering to add higher capacity submersible pumps to heavy lift feeder vessels. Design calcs, pump selection, drawing updates, and regulatory liaison.

Offshore Wind Professional Certificate

University of Massachusetts Amherst, 2023

ECO 610: Technology, Resources, Grid Integration, and Trends

ECO 611: Environmental Impacts, Siting, Permitting, and Stakeholder Engagement

ECO 612: Project Economics, Deployment, and Business Logistics

MS, Naval Architecture and Marine Engineering

University of New Orleans, 2017

"Concept Study for Offshore Wind Foundation Decommissioning Cost-savings Using a Removal Jetting System"

BS, Mechanical Engineering

Tennessee Technological University, 2012

Project Management Professional (PMP), TWIC, and Secret security clearance

Microsoft Project, Office, Teams, Jira, Slack, AutoCAD, SolidWorks, Navis

Strong communication, presentation, organization, problem solving, relationship management, and situational leadership skills