

Companies, products and skills required to develop an offshore wind project include<sup>1</sup>:

### **Manufacturers and Fabricators:**

- Engine, Turbine, and Power Transmission Equipment Manufacturing
- Electrical Equipment and Component Manufacturing
- General Purpose Machinery Manufacturing
- Navigational, Measuring, Electromechanical, and Control Instruments Manufacturing
- Other Fabricated Metal Product Manufacturing
- Motor Vehicle Parts Manufacturing
- Plastics Product Manufacturing
- Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing
- Architectural and Structural Metals Manufacturing
- Cement and Concrete Product Manufacturing
- Ship and Boat Building
- Manufacturers of electrical panels, switchgear, and cabling
- Manufacturers of autonomous vehicles
- Secondary Steel

### **Construction & Installation**

- Electrical Service Providers
- Engineering, Procurement & Construction Contractors
- Electrical Contractors
- Civil Construction Contractors
- Maritime Construction contractors
- Utility Construction Contractors

### **Services:**

- Specialty trade contractors
- Ship Repair companies
- Stevedores
- Millwrights
- Blasting, painting, coating

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<sup>1</sup> This is by no means a complete list and is merely intended as a means to provide an understanding of the broad array of manufacturers, products and services found in the offshore wind supply chain.

- Machining services
- Welding and supplies
- Sheet metal fabrication
- Electrical and High Voltage Electrical
- Galvanizing
- Storage location at piers(warehouse)
- Certified Welders
- Electricians
- Hydraulics including hoses and fittings
- Lifting gear including repair and retest
- Paint repair work by certified offshore painters
- Crane services
- Pump out boat (sewage disposal)
- Civil works (Excavation, bulldozers, crane operators)
- Pilot services
- Port services
- Survey services (calibrations, bathymetry, hydrographic survey)
- Crew boat
- Guard vessel
- Tug services
- Supply vessels
- Security
- Vessel support
- Port agents
- Logistics
- Marine Coordination
- Legal
- Consulting
- Engineering
- Geotechnical

## **Products:**

- Large air compressors
- Hydraulic components
- Sensors and alarm systems
- Custom electronic boards
- Composite enclosures

- Radio frequency equipment (radios, antennas, etc.)
- Batteries
- Solar panels
- Custom equipment for heavy load handling
- Water tight enclosures
- HVAC equipment
- Custom computer systems
- Electrical supplies
- Filtration systems
- Specialty clothing
- Safety Equipment
- High voltage insulators, cables, connectors, protective gear, mats, etc.
- Marine safety equipment
- Fire protection equipment

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