Australian Government
Defence

HII

# CAPABILITIES BEING SOUGHT

## Raw Materials
- Steel Plate – HY80/100, HSLA
- K-Monel
- Monel 400
- Inconel 625, 686, 718

## Castings & Forgings
- Ferrous & Non-Ferrous Metals
- Copper Nickel
- Aluminum
- Bronze
- Brass
- Nickel Aluminum Bronze
- Titanium
- Steel

## Composites
- Covers
- Fairings
- Baffles

## Machined Products
- Fittings
- Filters
- Strainers
- Manifolds
- Gears
- Brackets
- Expansion Joints
- Precision machined complex assemblies
- Horizontal & Vertical Milling
- Boring Mill
- Wire EDM

## Mechanical Components
- Valves
- Actuators
- Pumps

## Testing
- NDT
- Heat Treatment Facilities

## Electrical
- Controllers
- Control Stations
- Cables & Assemblies
- Sensors
- Connectors
- Batteries
- Power Supplies
- Motors
- Switchboards
- Fans
- Heaters

## Fabricated Parts
- Doors
- Hatches
- Bulkheads
- Pipe
- Ventilation
- Clamps
- Brackets
- Supports
- Storage units
- Foundations
- Ladders
- Trays
- Railings

## Support Services
- Recruitment
- Talent Acquisition

## Fleet Sustainment
- In-Service Logistics & Engineering
- Afloat/Ashore Platform Modernisation

## All Domain / Warfare Systems / LVC
- Artificial Intelligence / Machine Learning
- Cloud Computing
- Cybersecurity
- Digital Transformation
- Big Data Analysis
- Mixed Reality, Game-Based Training
- Modeling & Simulation
- Network Engineering & Operations
- Nuclear & Environmental Services
- Nuclear Facility Certification
- Nuclear Skills Training
- Quantum Technologies
- Drones
- Hardware Engineering
- Quantum Technologies
- Integrated Live, Virtual Constructive Solutions
- Range System Sustainment, Maintenance & Ops
- Systems Integration
- Submarine Construction
- Software Engineering
- Software Development
- Inertial Navigation Systems
- Ground Positioning Systems

## Advanced Manufacturing
- Additive Manufacturing:
  - Directed Energy Deposition (DED) – CuNi, NAB, Steel 316L and 70s
  - Powder Bed Fusion – CuNi and CRES 316L
- Advanced Welding – Cobots, Robotics
- Advanced NDT - Computed and Digital Radiography for NDT, Phased Array UT, Laser Ablation