

## Start hiring for results in

# Engineering

Make work actually happen across support, systems, infrastructure, security, delivery, and operations by working on-demand with the best Engineering specialists.

**HITACHI**

Gemeente Zeist

heijmans

brabant Water

 Stervol Meerssen

**RH MARINE**

 **gm** gemeente gooisemeren

**TOYOTA**  
MATERIAL HANDLING

### Specialisms & Expertise

## Find the services Blackbear supports in Engineering

### Work Preparation

Project & Work Preparation Planning

Scope Breakdown & Task Structuring

Material & Resource Planning

Technical Work Packages

Installation & Execution Planning

Interface & Dependency Management

Readiness Reviews

Handover to Execution Teams

### Technical Drawing

Technical Drawings & Schematics

As-Built Documentation

Layout & Installation Drawings

P&ID Drawings

Electrical & Mechanical Schematics

CAD Modelling

Drawing Reviews & Validation

Documentation Standards Alignment

### Technical Design

Concept & Detailed Engineering

System Architecture Design

Mechanical Design

Electrical Design

Industrial Design Support

Design Specifications

Design Reviews & Optimisation

Design-to-Build Alignment

### Calculations

Structural Calculations

Load & Stress Analysis

Thermal & Energy Calculations

Electrical Load Calculations

Safety & Compliance Calculations

Capacity & Performance Modelling

Verification & Validation Calculations

Engineering Assumptions & Reporting

### System Integration

System Architecture Integration

Hardware & Software Integration

Interface Definition & Management

Control System Integration

Data & Signal Integration

Integration Testing Preparation

Vendor System Alignment

End-to-End System Validation

### Testing & Commissioning

End-to-End System Validation

Factory Acceptance Testing (FAT)

Site Acceptance Testing (SAT)

Commissioning Planning

Start-Up Support

System Validation & Verification

Defect Resolution & Punch Lists

Operational Handovers

### Specialists & Profiles

## Work with Senior Engineers, Designers, Integrators, and more

- Work Preparation Engineers
- Planning Engineers
- Technical Coordinators
- Execution Preparation Leads
- Material Planning Engineers
- Project Preparation Specialists
- Installation Preparation Engineers
- Engineering Planners
- Technical Scheduling Specialists
- Interface Coordinators
- Work Package Owners
- Preparation & Readiness Leads
- Technical Work Planners
- Engineering Support Engineers

- CAD Engineers
- Technical Draftsmen
- Mechanical Drafters
- Electrical Drafters
- P&ID Specialists
- As-Built Documentation Engineers
- Drawing Control Specialists
- Design Documentation Engineers
- Layout Designers
- Installation Drawing Specialists
- CAD Modelling Engineers
- Documentation Standards Specialists
- Drafting Leads
- Drawing Review Engineers

- Design Engineers
- Mechanical Design Engineers
- Electrical Design Engineers
- System Designers
- Concept Engineers
- Detail Engineering Specialists
- Industrial Design Engineers
- Design Review Leads
- Engineering Architects
- Design Optimisation Specialists
- Technical Specification Engineers
- Design Assurance Engineers
- Senior Design Engineers
- Engineering Design Leads

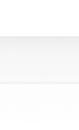
- Structural Engineers
- Calculation Engineers
- Stress & Load Analysts
- Thermal Calculation Engineers
- Electrical Calculation Engineers
- Safety & Compliance Analysts
- Performance Modelling Engineers
- Verification Engineers
- Engineering Analysts
- Calculation Review Specialists
- Simulation Engineers
- Design Validation Engineers
- Engineering Assurance Leads
- Senior Calculation Engineers

- System Integration Engineers
- Control Systems Engineers
- Automation Engineers
- Interface Engineers
- Integration Leads
- PLC / SCADA Engineers
- System Architecture Engineers
- Hardware-Software Integration Specialists
- Integration Test Engineers
- Vendor Integration Coordinators
- Systems Engineers
- Technical Integration Managers
- Integration Assurance Engineers
- Senior Integration Engineers

- Commissioning Engineers
- Test Engineers
- FAT / SAT Engineers
- Start-Up Engineers
- Validation Engineers
- Commissioning Managers
- Test Protocol Specialists
- Quality & Verification Engineers
- Operational Readiness Engineers
- Site Commissioning Leads
- Defect Resolution Engineers
- System Acceptance Specialists
- Handover Engineers
- Senior Commissioning Engineers

### Collaborations & Budget Ranges

## Engage specialists, teams or boutiques in 3 possible ways



### Assignments

Run quick assignments that make an immediate difference for your team and the results you seek.

From €3k - €25k per assignment.



### Projects

Execute projects with phased milestones and deliverables, to support bigger challenges.

From €25k - €200k per project.



### Interim

Add reliable senior expertise or operational punching power, to strengthen your team's capacity.

From €35 - €150 per hour.

### Examples & Inspiration

## How other leaders turn engineering complexity into delivery with Blackbear

Engineering Work Preparation for Complex Projects

Calculation & Compliance Validation

Execution Programs

Multi-Vendor System Integration

End-to-End Engineering Delivery

Technical Drawing & Documentation Alignment

System Architecture & Integration Projects

Commissioning & Start-Up Support

Design-to-Build Engineering Projects

Automation & Control System Integration

Engineering Readiness for Go-Live

Technical Risk Reduction Programs

Engineering Governance & Quality Control

Hire better and faster for your Engineering agenda.

Achieve the results you aspire, exactly when and where you need them.

Let's Talk →

