



Straight Forward Technology

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📍 2/15 Suffolk St Capel Sound 3940

🏢 Straight Forward Group Pty Ltd: ABN 78643385184.

Gate Repair and Service

Client

Von Pace Wholesale

Location

13 Boes Road, Hastings, 3915

ACCEPTED

16/01/2026 by Shanon Newosn
on behalf of Christian Von
Schassen

Quote

Job Number

JN 3840

Expiry: February 15, 2026

PDF created: 02/05/2026 5:12 PM

QUOTE SUMMARY

Comprehensive service and repair of ECA CP-12 Solar-Powered Swing Gate including replacement of 2x wireless keypads and 2x batteries, full mechanical and electrical service, and safety testing.

LABOUR

\$792

MATERIALS

\$1,052

OPTIONAL EXTRAS

\$0

TOTAL

\$1,844

ACCEPTANCE

Quote accepted by Shanon Newosn on behalf of Christian Von Schassen on January 16, 2026 11:38 AM



QUOTE DETAILS

Power & Interface Upgrades

Battery System Replacement: Removal of existing 12V cells and installation of 2x new high-capacity deep-cycle batteries to restore system autonomy.

Series Link Refurbishment: Inspection and cleaning of battery bridge wiring and terminals as required to ensure optimal current delivery.

Keypad Hardware Replacement: Removal of weathered units and installation of 2x new ECA ACT328W wireless keypads, including weather-sealing gaskets if applicable.

System Programming: Configuration of user access codes and pairing of wireless frequencies to the master control board.

Control Logic & Electrical Service

Pest & Debris Mitigation: Comprehensive removal of insect nesting, spider webs, and organic debris from the control housing to prevent electrical tracking or shorts.

Terminal Torque Check: Inspection and tightening of all high-vibration connections (Motor, Solar, and Battery terminals) as required to prevent "creep" failure.

Solar Charging Verification: Diagnostic testing of solar panel voltage and regulator output to ensure the charging circuit is healthy, if applicable to site weather conditions.

Fuse Audit: Inspection and replacement of glass or blade fuses as required to ensure circuit protection.

Mechanical Drive & Gearbox Optimization

Transmission Service: Removal of contaminated grease and grit from the drive gear assembly.

Precision Lubrication: Application of high-pressure lithium or marine-grade grease to primary drive gears and internal moving parts.

Drive Arm Refurbishment: Cleaning and lubrication of swing-arm pivot pins and bushings as required to ensure smooth mechanical travel.

Limit Switch Calibration: Inspection and cleaning of travel limit sensors to ensure the gate stops accurately at the intended positions, if applicable.

Structural & Safety Compliance

Hinge & Pivot Maintenance: Lubrication of main gate hinges and gate-to-post pivots as required to reduce mechanical load on the motor.



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Obstruction Detection Test: Verification of the “Safe-Stop” or “Reverse” function to ensure the system reacts correctly to physical resistance, if applicable.

Alignment Inspection: Visual check for gate sag or post movement that may require future structural adjustment, if applicable.

Work Completion Note

This service scope covers the restoration of the primary power and access control systems. Ongoing reliability is dependent on the mechanical health of the gate hinges and the structural integrity of the mounting posts.

MATERIALS

- **2x ECA ACT328W Wireless Keypads**– 433MHz, 6-channel programmable, backlit numeric display
- **2x 12V Deep-Cycle Batteries**– High-capacity for solar gate systems
- **High-pressure lithium or marine-grade grease**– For drive gear and mechanical service
- **Electrical contact cleaner**– For terminal and connection service
- **Weather-sealing compounds**– As required for outdoor equipment protection