



# ENERGY TENDER

## CORNWALL HILL COLLEGE

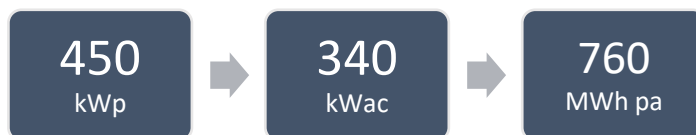
# ENERGY TENDER

## Solar PV + UPS + PQ Measurement

Cornwall Hill College is embarking on an energy project whereby solar PV, power quality measurement and UPS systems will be deployed to ensure not only cost saving but security of supply.

Design Criteria:

1. The following PV generation parameters must be achieved:



- Grid-tied solar PV system
  - Generator integration
  - Power export setup.
2. Install and commission 35 x 3phase DEHN record systems complete with wiring via miniature circuit breakers and correctly rated current transformers. The monitoring must be interfaced with a web-based dashboard and include training for CHC staff.
  3. Three new UPS systems must be installed with all the necessary distribution boards and wiring included.

**Applicants must prove experience in similar projects including export licence agreements with the Council. A Tender Performance Deposit of R500 000-00 will be required.**

### Tender Details:

Document reference: CHC-2022-ETPV-001

Closing Date: 27 July 2022, 12h00pm

Contact Cornwall Hill College Business Manager to request a tender document.

[chtender@cornwallhill.org](mailto:chtender@cornwallhill.org)