

- A STRATEGIC ALLIANCE -
PHASE 2-YEAR 2003 EXPANSION



BUILT FOR



CARRIBEAN UTILITIES COMPANY, LTD.
GRAND CAYMAN



Summary

Contract

Type Turnkey
Contract award July 2002
Handing over August 2003

Technical Data

Diesel Engines

Make MAN B&W Diesel, Germany
Type 12V 48/60, 4 stroke
Speed 514 rpm

Alternator

Make ABB, Finland
Type AMG 1600 QP14 LSEB
Rating 15,300 kVA
Voltage/Frequency 13.0 kV/60 Hz
Output at 100% load 12,600 kW at pf. 0.8

Borehole Cooling Water Pumps

Make ABS, Sweden
Type NB 200/150 – 32C
Flow 370 m³/h

Borehole Cooling Water Heat Exchanger

Make APV, Denmark
Type J185
Cooling Capacity 8,500 kW

Lube Oil Treatment

Make Alfa Laval, Italy
Type SU 835
Rated Capacity 2.65 m³/h

Fresh Water Distiller

Make Alfa Laval, Denmark
Type D-PU-36-C125
Rated Capacity 51 m³/24h

13 kV Switchgear

Make General Electric, U.S.A.
Type Power Vac, 13.8
Voltage/Frequency 13.8 kV/60 Hz
Current 1,200 A

Ventilation

Supplier ATCO Noise Management, Canada

Civil Work

Subcontractor Hadsphaltic, Grand Cayman



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