

**Undertaking 131**

**Undertake to confirm the equipment, installation of the turbine, generator, mechanical and electrical balance of the plant installed at Holyrood, cost \$31.5M**

As part of the undertaking, the \$31.5M was noted as an approximate installed cost of the CTG package equipment. As per the Lump Sum Schedule of Prices provided in the contract, the Lump Sum amount assigned to the supply and installation of the Combustion Turbine Generator is \$31,855,220. Included in this amount would be costs for equipment, materials, labour, construction facilities, insurances, health and safety management and facilities, construction management, transportation, expediting, offloading, engineering, and project management. The following is a listing of the CTG package major components:

**Combustion Turbine And Misc Parts**

Combustion Turbine

Combustion Turbine Misc Parts

**Combustion Turbine Generator And Misc Parts**

Combustion Turbine Generator

Combustion Turbine Generator Misc Parts

**Auxiliaries**

Accumulator Charging System

SGT-PAC Piping Touch-Up Paint

Fire Protection System

Gas Turbine Leveling Wedge &amp; Clamp Assembly

Maintenance Tool List

Service Lifts Assembly

Gas Turbine Enclosure

Gas Turbine Package Platform &amp; Stairs Assembly

Generator Isophase Bus &amp; Lineside Cubicle

Starting Package Assembly

Combustor Bypass Valve Position Transmitter Assembly

Vibration System Field Equipment

Ignition Exciter Assembly W/Cable

CT Overspeed Pickups

DCS OM Equipment Delivery

Electrical Package Assembly

Mechanical Package Assembly

Control Oil Skid

Bypass Ring Accumulator

Control Oil Start Up Unit

Control Oil Start Up Spares

Turbine Piping Package Assembly  
Rotor Cooling Air Cooler  
Rotor Cooling Air Cooler Support Structure  
Lube Oil Cooler Fin-Fan  
Inlet Duct & Silencer  
Inlet Filter  
Weather Station  
Barometric Pressure Sensor  
Exhaust Transition  
Exhaust Stack  
Cooling Air/Compressor Bleed I/C PPG Assembly  
Low Pressure Compressor Bleed Valve  
Rotor Air Cooler Interconnect Piping Assembly  
Control Oil Interconnect Tubing Assembly  
Lube Oil Interconnect Piping Assembly, Generator  
Lube Oil Interconnect Piping Assembly, Turbine  
Lube Oil Cooler Interconnect Piping Assembly  
Drain Interconnect Piping Assembly  
Instrument Interconnect Tubing Assembly  
Compressor Wash Interconnect Piping Assembly  
SGT-PAC Piping Insulation  
Inlet Guide Vane Rotary Position Transmitter Assembly  
Inlet Resistance Temperature Detectors  
Exhaust Thermocouple Rakes  
Bulk Cable Quantities  
Miscellaneous Electrical Specialties  
Gas Turbine Section Assembly Hardware  
Inlet Manifold Assembly  
Exhaust Manifold Section Assembly  
Exhaust Expansion Joint  
Coupling Cover - Gas Turbine To Generator  
Lube Oil Piping Assembly - Exhaust Manifold