

RFQ 1940632 NHLS BLOCK 14 CHILLER EMERGENCY RENTAL SUPPLY AND INSTALLATION FOR A PERIOD OF 6 (SIX) MONTHS

Item	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1,0	Water Cooled Chilled Water Plant complete with all necessary appurtenances As Follows: Supply, Deliver to site, rig into position and installation of following. Water Cooled Chilled Water Plant Water cooled Screw Chiller with fully factory charged refrigerant (R-134a) inclusive of LCD control panel, variable speed stater, star delta starter, power cables, control cables, connection to existing pipes with modifications as required as per specifications. Installed complete with all appurtenances for the safe and efficient operation of the chiller including connections to the existing pipework and electrical systems and all interlocks between chiller and pumping equipment to ensure the systems operate safely and efficiently. The chiller must come BMS ready with a BACnet compatibility. Unit to incorporate factory mounted E-Link installed inside the Control Center to enable linking unit to the Building Management System Unit to be charged with environmentally friendly refrigerant available today, with no Ozone Depletion Potential (ODP) and no phase out date per the Montreal Protocol. Preferably HFC-134a, Unit to meet the following requirements / conditions: Cooling Capacity: 1600kW	No	1		

	Chilled water entering : 12°C Chilled water leaving : 7°C Condensor water entering : 26°C Condensor Water Leaving : 31°C Chilled water flow 74l/s COP : 6 or better				
2,0	Provisional amounts				
01	Contingency Fees Electrical / Mechanical Work Related	PC sum	1	R150 000,00	R150 000,00
3,0	Commissioning				
01	Pressure testing of system and remedial actions Setting, testing and balancing of system	sum	1		
	SubTotal				
	Add Vat @ 15%				
	Grand Total				