

Installation of 350kVA Generator for APB Data Centre Bill of Quantities:

University of Johannesburg				
SCHEDULE OF QUANTITIES				
	Unit	Qty	Rate	Amount
Bill No. 1				
Uplift and relocate the existing 200kVA generator from APB to Mayine Residence – to be stored for later use by UJ.	No	1		
Supply, Installation, shop testing, site testing, of 350kVA generator. Engine / Alternator: 350kVA Canopy Type: Silent Weather resistant closure Noise Rating: Silent Fuel Tank: +/-700L ATS Panel: Smart gen/equivalent Prime Power: 350kVA Voltage: 400V Rated Frequency: 50Hz Power Factor: 0.8	No	1		
Labour to do installation	No	1		
Testing, commissioning, and COC	No	1		
Total Electrical Installation (Excluding VAT)				

Installation of a 600kVA Generator for DFC Data Centre Bill of Quantities:

University of Johannesburg				
SCHEDULE OF QUANTITIES				
	Unit	Qty	Rate	Amount
Bill No. 2				
Supply, Installation, shop testing, site testing, of 600kVA generator. Engine / Alternator: 600kVA Canopy Type: Silent Weather resistant closure Noise Rating: Silent Fuel Tank: +/-1300L Fuel Consumption: @75% Load: 97 l/h ATS Panel: Smart gen/equivalent Prime Power: 600kVA Standby Power: 670kVA Engine Rated Power: 520KW Voltage: 400V Rated Frequency: 50Hz Power Factor: 0.8	No	1		
Supply Armoured cable 185 mm sq. 4 core SWC	m	60		
Supply Bare copper earth 70 mm sq.	m	10		
Supply cable ladder (300mm W)	m	10		
Labour to do installation	No	1		
Construction of a concrete Plinth (Generator stand)	No	1		
Testing, commissioning, and COC	No	1		
Total Electrical Installation (Excluding VAT)				