

**HESSEQUA MUNICIPALITY**

**HES-TECH 20/2526**

**SUPPLY, DELIVERY AND INSTALLATION OF AN INVERTER AND BATTERY  
PACK TO INTEGRATE WITH EXISTING SOLAR PANELS – CIVIC CENTRE IN  
RIVERSDALE**

<b>PART C2: BILL OF QUANTITIES</b>
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**C2.1 Bill of Quantities**

Item	Description	Unit	Quantity	Unit Price	Total (Vat Excl.)
<b>A</b>	<b>MAJOR EQUIPMENT</b>				
A1	50kW Hybrid Inverter (3-phase)	Each	1		
A2	50kWh Lithium Battery System (LiFePO <sub>4</sub> )	Set	1		
	Sub-Total A (Vat Excl.)				
<b>B</b>	<b>DC INTEGRATION</b>				
B1	DC Reticulation (cabling, combiners, surge protection for existing PV array)	Sum	1		
	Sub-Total B (Vat Excl.)				
<b>C</b>	<b>AC INTEGRATION &amp; GRID INTERFACE</b>				
C1	AC Reticulation (inverters to LV busbar)	Sum	1		
C2	Switch disconnectors and protection devices	Sum	1		
	Sub-Total C				
<b>D</b>	<b>BALANCE OF PLANT</b>				
D1	Mounting hardware (racks, brackets)	Set	1		
	Sub-Total D (Vat Excl.)				
<b>E</b>	<b>EARTHING &amp; LIGHTNING PROTECTION</b>				
E1	Earthing system (inverter/battery/PV array)	Sum	1		
E2	Lightning protection system	Sum	1		
	Sub-Total E (Vat Excl.)				
<b>F</b>	<b>MISCELLANEOUS</b>				
F1	Labelling (equipment, cables, DBs)	Sum	1		
F2	As-built drawings (digital + hardcopy)	Sum	1		
F3	Commissioning and performance testing	Sum	1		
	Sub-Total F (Vat Excl.)				

<b>I</b>	<b>INSTALLATION LABOUR</b>				
I1	Labour for complete installation of hybrid inverter and battery system	Sum	1		
	Sub-Total F (Vat Excl.)				
	<b>TOTAL FOR PROJECT (VAT EXCL.)</b>				
	<b>CONTINGENCY (10%)</b>				
	SUB-TOTAL (VAT EXCL.)				
	ADD 15% VAT				
	<b>GROSS TENDER AMOUNT (VAT INCL.)</b>				

**Failure to adhere to the beforementioned will result in your tender being declared non-responsive.**

DECLARATION

I, THE UNDERSIGNED (NAME) .....  
 CERTIFICATE THAT THE INFORMATION FURNISHED ABOVE IS CORRECT. I ACCEPT THAT THE  
 MUNICIPALITY MAY ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

AUTHORISED SIGNATURE: .....

NAME: .....

CAPACITY: .....

DATE: .....