



Section VII. Technical Specifications

INSTRUCTION: Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a) (ii) and/or GCC Clause 2.1(a)(ii).

Public Bidding for the Supply, Delivery, Installation, Testing and Commissioning of Solar Power System at Administration Building and Pavilion 2 CY 2024

Bidder’s Proposed Brand Name: _____		Year & Model: _____	
Specification	Particular Requirements	Statement of Compliance	Supporting Documents for the Statement of Compliance (if applicable)
I. SOLAR POWER SYSTEM: (Both Administration Building & Pavilion 2)	<ul style="list-style-type: none"> • Grid-Tied Solar Power System 		
	II. SOLAR PANEL: (Both Administration Building & Pavilion 2)	<ul style="list-style-type: none"> • 50-60 units of 500W – 580W • Maximum Power (Pmax): 500W – 580W • Mono-crystalline Silicone Cell • Open Circuit Voltage (Voc): 40V – 60V • Short Circuit Current (Isc): 10A - 17A • Maximum Voltage (Vmp): 33V – 48V 	



	<ul style="list-style-type: none"> Maximum Current (Imp): 10A – 17A 		
II. POWER INVERTER	(Administration Building)		
	<ul style="list-style-type: none"> 2-3 units of 10,000W – 15,000W Grid-tie 		
	<ul style="list-style-type: none"> Single Phase, 220V – 250V, 50/60Hz 		
	<ul style="list-style-type: none"> Maximum DC Power (W): 15KW – 22KW 		
	<ul style="list-style-type: none"> Maximum Power over: 97% - 99% 		
	<ul style="list-style-type: none"> Output Waveform: Pure Sine Wave 		
	<ul style="list-style-type: none"> Running Temperature: - 25°C - 60°C 		
	(Pavilion 2)		
	<ul style="list-style-type: none"> 1 unit of 30,000W Grid-tie 		
	<ul style="list-style-type: none"> Three Phase, 220V – 250V, 50/60Hz 		
	<ul style="list-style-type: none"> Maximum DC Power (W): 60KW 		
	<ul style="list-style-type: none"> Maximum Power over: 97% - 99% 		
	<ul style="list-style-type: none"> Output Waveform: Pure Sine Wave 		
<ul style="list-style-type: none"> Running Temperature: - 25°C - 60°C 			
IV. ELECTRICAL PHASE:	<ul style="list-style-type: none"> Single Phase – Administration Building 		
	<ul style="list-style-type: none"> Three Phase – Pavilion 2 		
V. SUPPORTS / BRACKETS:	Aluminum / Weatherproof		
VI. OTHERS:	<ul style="list-style-type: none"> Other equipment, materials, and accessories required to 		



	complete the project can adopt the specifications as per manufacturer's specifi- cations.		
CONFORME:			
<i>(Company Name)</i>			
<i>(Name and Signature of Authorized Representative)</i>			