

Date: 29/04/2024

Reference RFQ No.: 24/04/STAR-C/ISA-2024

<u> Corrigendum - I</u>

Subject: Addition of Equipment for Supply, Installation, Testing & Commissioning (SITC) of equipment and instruments for setting up the STAR Centre in Ghana including one-year Comprehensive Maintenance Contract (CMC)

This is with reference to the tender document "RFQ for Supply, Installation, Testing & Commissioning (SITC) of equipment and instruments for setting up the STAR Centre in Ghana including one-year Comprehensive Maintenance Contract (CMC) with Ref. No. 24/04/STAR-C/2024-ISA floated on April 23, 2024 in this regard.

Following are the changes (additional equipment) in mentioned clause issued vide this corrigendum notification:

S.No.	Page No.	Description	Changes				
	NO.		Item	Specification	Quantity	Functional requirement	
1	7 33	Recommended Technical Specifications for Goods Financial Offer	Universal Solar Pump controller	Capacity- 5 HP (4kWp) PV input: PV input Voltage: 200- 750 V DC Max PV input current – 10A PV start Voltage: 200 V DC Motor-Pump Output: Voltage : 0-415 V AC , 3 Phase Max Current: 12 A Operating frequency range: 0-200 Hz Other Application Output: 4 Nos. Voltage: 415VAC Max current 9 A Nominal frequency: 48- 50 Hz	2	Universal Pump controller converts high voltage, direct current from a solar array into highly controlled, single or three phase pulse width modulated. Alternative current to run standard AC water pump motors. The USPC is capable of controlling 110, 220 or 230 VAC single or three-phase motors. Automatic shutdown protects the pump and motor from damage during neglected operation. Multiple applications such as water pumping, flour milling, grain processing etc. can be operated through this controller using the solar energy available at the site throughout the year.	

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Protection: Current overload, torque overload, over and under voltage, low/high frequency protection IP65 class protection Cooling: Natural convection Operating condition: -10 to 50 deg Celsius 0-95% RH Display: Graphical LCD and LED indicators Serial Communication: RS232 & RS 485 MODBUS Remote monitoring (Wi- fi, USB) Standards: IEC62109-1/2, IEC61683IEC60068- 2(1,2,14,30), IEC60529 IEC61000-6-2/3, IEC61000-6-2/3, IEC62891It enhances the utilisation of solar energy by running operations other than solar water pumping.							

*Note: The bidders are requested to add cost for the aforementioned item as well in their financials

Thakue

Procurement Unit International Solar Alliance