

MINUTES OF PRE-BID MEETING/ SITE VISIT



IGAD CLIMATE PREDICTION AND APPLICATIONS CENTRE (ICPAC)

**SUPPLY AND INSTALLATION OF POWER AND AC/COOLING SYSTEM,
ANTI-STATIC FLOOR, ACCESS CONTROL, FIRE DETECTION AND
SUPPRESSION SYSTEM AT ICPAC HEADQUARTERS- NGONG**

ISSUED ON 28th AUGUST 2018

IDENTIFICATION No: ICPAC/T/003/2018

**PURCHASER: IGAD CLIMATE PREDICTION AND APPLICATIONS
CENTRE (ICPAC)**

PROJECT FINANCIER: DFID

PROJECT NAME: WISER SUPPORT TO ICPAC PROJECT (W2-SIP)

**ICPAC HEADQUARTERS
NAIROBI, KENYA**

AUGUST 2018

PRE BID MEETING- SUPPLY AND INSTALLATION OF POWER AND AC/COOLING SYSTEM, ANTI-STATIC FLOOR, ACCESS CONTROL, FIRE DETECTION AND SUPPRESSION SYSTEM AT ICPAC HEADQUARTERS- NGONG- 23RD AUGUST 2018

1.0 INTRODUCTION

1.1 Background

The IGAD Climate Prediction and Applications Center (ICPAC) received financing from the DFID under the Wiser Support to ICPAC Project (W2-SIP) towards the cost of the procurement and installation of various goods.

The Weather and Climate Information Services for Africa (WISER) is an initiative funded by The UK government's Department for International Development (DFID) and managed by the Met Office, the UK's national weather service. WISER's mission is to deliver transformational change in the quality, accessibility and use of weather and climate information services at all levels of decision making for sustainable development in Africa.

Under the WISER programme, a project titled "WISER Support to IGAD Climate Prediction and Applications Centre (ICPAC) Project" (W2-SIP) is being implemented from March 2018- March 2020 by a consortium of institutions that includes ICPAC, United Kingdom Met Office, Columbia University International Research Institute for Climate & Society (IRI) and its' Enhancing National Climate Services Initiative (ENACTS), North Carolina State University (NCSSU), and CARE International.

The project's overall outcome is to contribute to enhancing the resilience of poor people and of economic development to weather and climate related shocks. It aims to do this by increasing the use of co-produced reliable weather and climate services to inform regional plus national level policy and decision-making.

1.2 Clarifications and Addendum

As part of the bidding process, a date for a pre bid meeting was set on Thursday, 23rd August 2018 at 10:30 am local time. The venue for the meeting was the new ICPAC Headquarters in Kibiko, Ngong Town, Kajiado County. Attendance at the pre bid meeting was strongly encouraged but not mandatory therefore no bidder will be penalized for not attending.

The bidders were escorted to the proposed location of the new server room to enable them carry out an independent assessment of what would be required. The ICPAC team and the bidders then converged in the ICPAC HQ building main Conference hall for a general question and answer session for the benefit of every bidder present. The questions asked and responses/clarifications have been compiled, to form an addendum to the Bid document. The addendum will be uploaded onto the ICPAC Website for view by all potential bidders, including those who may not have managed to attend the pre bid meeting/site visit.

A summary of the areas raised by the bidders for clarification, plus the responses from the ICPAC technical staff appear in the table below;

Table 3: Summary of Requests for clarification during pre bid meeting and ICPAC responses- Addendum to the bid document

Bidder request for clarification (Question and Answer)	ICPAC response
Qn1. Must bidders quote in Great Britain Pound sterling (GBP)?	Yes. All Financial Proposals must be in Great Britain Pound sterling (GBP). This is the currency that is preferred by the ICPAC Funding Partner (DFID).
Qn2. The 30 th October delivery period appears unrealistic	Submit your proposed delivery schedule as indicated in the Bid document Forms. Please note that compliance with the ICPAC delivery schedule is one of the areas of evaluation of bid submissions.
Qn3. Can Bidders only bid for specific Lots and not all Lots	Yes. The bid document has six (6) Lots. A bidder may select the Lot or Lots that they deem themselves to have the most competitive advantage, or bid for all six Lots if they have the qualifications required for all six Lots. Bidders cannot pick out specific items within a selected Lot, but must bid for all items within the selected Lot.
Qn4. The server room has two doors. Will both doors be kept?	No. One door will be closed off
Qn5. Does the Access Control require only in and out readers?	It is preferred to have a system that shows, with exactness, when a person entered the server room, and when they left.
Qn6. Will the glass partition on the door side of the sever room be kept or will it be replaced with a wall?	The glass partition will be replaced with a thermal proof glass that extends from the floor to the ceiling. This is to prevent heat loss.
Qn7. There is an Access Control that is present already. What is the additional modification that is required?	The server room should have key access card, biometric (fingerprint) as well as a keypad
Qn8. The Bill of materials does not specify the UPS?	The UPS is under LOT 1, and the specifications were provided.
Qn9. Share the specifications for the rack and the dimensions to enable bidders	ICPAC's server racks range in height from 42U to 44U. The depth is 1,200mm and width ranges from 600mm to 800mm.
Qn10. Where will the Power be tapped to the power centre. There is currently no power board.	This is being addressed and will be provided for before commencement of the installation
Qn11. For Cooling, the BOQ of 70Kw appears higher based on rack loading and units are not	It is optimum keeping into consideration of the foreseen increase in HPC systems with the institution

specified	
Qn12. What type of cooling is required for the server room AC? Precision Cooling or Comfort cooling? Specify	Precision is the cooling required for a server room. The director has insisted right from the beginning that it should be able to blow and suck air from the server room. At least two units are required for the stated cooling capacity and redundancy consideration reducing single point of failure
Qn13. Why are you upgrading the server battery instead of getting a generator	We are going green;
Qn14. Integration of server with UPS?	Dual System The supply system to the server room will comprise of two inputs i) from the 100KVA supplied by the grid ii) from the hybrid power inverter
Qn15. Fire supply system; There is already an existing fire supply system. Does this require to be upgraded? Bidder states the current system cannot be upgraded as the state of the system cannot be confirmed i.e when was it last serviced/maintained Bidder proposes servicing existing system Bidder requests that ICPAC provides details of existing system approval for redoing floor calculations for piping network	Upgrading the current system will be most cost effective way. Documentation for the current system will be given and revised BOQs for the same. (Attached as Annex I to this document) Option 2 However bidders can quote for an entirely new system and we shall go with whichever will meet our requirements at the most competitive price
Qn16. The current wiring is lower than what the UPS can take	The wiring will be upgraded to 35mm sq which will be sufficient before the work commences
Qn17. Indicate back up time for UPS	The load envisaged is at least 30minutes
Qn18. UPS to server room and main controls to UPS	This will be installed in the current server room.
Qn19. Do the power cables run down (underground) or on top of the racks? Does the ceiling need to be replaced?	Both could apply, however since the floor will be raised by at least 30cm under is preferred.
Qn20. Will the telecom cabinet be moved to the data center?	No

