

## Liberia Spectrum Management Equipment RFQ

### Frequently Asked Questions #1

Q(1): How much Budget is available for this Program?

A(1): Please provide your quotation based on the requirements stated in the RFQ. The selection criteria provided in the same document states the price at up to 50% of the evaluation points. It is advisable for bidders to include their best price.

Q(2): Where can acceptance testing take place?

A(2): Acceptance testing shall take place in Monrovia, Liberia at location TBD.

Q(3): Where can training take place?

A(3): It is strongly preferred that user training take place in Monrovia, Liberia at location TBD.

Q(4): What does “transportable” mean for this RFQ?

A(4): “Transportable” refers to a system that could be put on a vehicle or used standalone.

Q(5): Should the power source for the transportable system be AC or DC powered?

A(5): Both.

Q(6): Could you please provide the complete address for proposals to be addressed to?

A(6): Paper proposals are not being accepted. Proposals should be emailed to the address included in the RFQ document.

Q(7): Will you accept Delivered at Terminal (DAT) delivery terms?

A(7): Cost proposals should be final fixed-price inclusive of all costs for delivery of the equipment to a TBD address at a location in Monrovia, Liberia.

Q(8): Do you have a specific brand and model of the items requested that you can provide us?

A(8): The RFQ is open to any brand or a model that will satisfy the required criteria in the RFQ.

Q(9): You are asking for detailed financial information. We are a privately held firm and do not typically share this information. What is the minimum that is acceptable?

A(9): The requested company financial information is an important element of NetHope’s analysis of vendor responses. Please note that all financial documents submitted as part of the responses will be kept confidential. If a Non-Disclosure Agreement is necessary to proceed with this aspect, bidders should notify NetHope ASAP.

Q(10): If it is determined that no import duties are required to be bid, will NetHope accept Carriage and Insurance Paid (CIP) delivery terms (Monrovia, Liberia) per Incoterms 2010?

A(10): Cost proposals should be final fixed-price inclusive of all costs for delivery of the equipment to a TBD address on a location in Monrovia, Liberia.

Q(11) Are the Lot 1 equipment items (transportable and portable monitoring systems) required to be IP67 rated for outdoor usage?

A(11): Preference will be given to systems rated for outdoor use.

Q(12): Are the Lot 1 equipment items (transportable and portable monitoring systems) required to have a minimum instantaneous bandwidth of 80 MHz?

A(12): Desirable but not a requirement.

Q(13): Are the Lot 1 equipment items (transportable and portable monitoring systems) required to be designed with self-calibration?

A(13): Desirable but not a requirement

Q(14): For the Lot 1 equipment items (transportable and portable monitoring systems), is a monitoring frequency range of 9 kHz to 8.5 GHz preferred?

A(14): As per RFQ.

Q(15): For the Lot 1 equipment items (transportable and portable monitoring systems), is a direction finding frequency range of 300 kHz to 8.5 GHz preferred?

A(15): As per RFQ.

Q(16): For the Lot 1 control systems software, must it provide spectrum monitoring and analysis functionality that meets all ITU-R recommendations (per the 2011 International Telecommunications Union Spectrum Monitoring Handbook) for measurement of frequency, field strength, occupied bandwidth, modulation, direction finding, spectrum occupancy, and automatic violation detection?

A(16): Meeting all ITU recommendations is desirable but not required.

Q(17): For the transportable monitoring systems specified, the Technical Requirements state the systems should be ITU compliant. Please confirm which type of DF system is required: multi-channel DF, or single channel DF, as defined in the ITU-R Spectrum Monitoring Handbook, 2011?

A(17): This is left to the discretion of the bidder.

Q(18): Will the RFP be amended to provide that offered prices may exclude customs duties?

A(18): Please see RFQ Addendum #1

Q(19): For the transportable monitoring systems specified, the Technical Requirements state the systems should be ITU compliant. Please confirm which type of DF system is required: multi-channel DF, or single channel DF, as defined in the ITU-R Spectrum Monitoring Handbook, 2011?

A(19): This aspect is left to bidder discretion.

Q(20): Is there a spelling error in Attachment A?

A(20): Yes. In that section, "homing" is incorrectly spelled as "humming".

## **Additional Questions under Consideration**

The following questions are currently under review; responses will be provided in an additional FAQ to be published by COB **Wednesday, July 25** :

### **Section III.4, Point to Point Microwave Spectrum Monitoring Equipment**

- What is the starting frequency?
- Are homing capabilities required all the way to 40 GHz?
- How will 'homing' be accomplished?
  - Will it be accomplished with directional Antennas, or are omni-directional and moving toward signal based on power a suitable homing operation?
- What is envisioned for "Detection" for interference (i.e, what is desired output from the system when interference is detected)?
- Is the monitoring and detection to happen automatically, or will it be a manned system with a user operating equipment and determining what constitutes interference?

### **Section III.5, RF Quality of Service**

- What are the specific requirements for Quality of Service? Is it purely RF based measurements?
- Are mobile phone based performance measurements required?
- Are voice quality and video quality needed?
- Is it required to measure data throughput? If yes, how many networks need to be measured simultaneously?

### **Other**

- May a bidder offer only for only one lot, eg., lot 1 instead of submitting an offer for all three lots?
- Will the transportable system be installed mainly on a vehicle or standalone?
- Do you require network optimization capability (such as Neighborhood Analysis, showing missing Neighbor Cells or incorrectly configured network parameters)?
- Given that the systems are to be delivered to Monrovia, Liberia, will NetHope consider alternative payment terms such as partial down payment and letter of credit for the balance of payment?