



**Acquisition Directorate**

NATO Communications and Information Agency

7010 SHAPE, Belgium

Telephone: +32 (0) 65 44 6103

NCIA/ACQ/2018/1402

08 October 2018

## **Notification of Intent**

### **Spectrum Analysers**

**IFB-NCIA-NSII-18-06**  
**Estimated Value: € 750,000**

The NCI Agency is the provider of NATO-wide IT services and state-of-the-art C4ISR capabilities including cyber and missile defence. In strengthening the Alliance, the Agency applies industry best practices and provides a full life-cycle approach: from analysis and concept development, through experimentation and capability development, to operations and maintenance for both missions and exercises.

The Agency has a requirement for Spectrum Analysers.

The formal IFB is planned to be issued in October 2018 with a Bid Closing Date November 2018 and Contract Award December 2018.

Principal Contracting Officer:

E-mail: [Tiziana.Pezzi@ncia.nato.int](mailto:Tiziana.Pezzi@ncia.nato.int)

Contracting Officer:

E-mail: [Yseult.Godimus@ncia.nato.int](mailto:Yseult.Godimus@ncia.nato.int)

Administrative:

E-mail: [Ludovic.Nicolas@ncia.nato.int](mailto:Ludovic.Nicolas@ncia.nato.int)



NATO Communications  
and Information Agency  
Agence OTAN d'information  
et de communication

Avenue du Bourget 140  
1140 Brussels, Belgium

[www.ncia.nato.int](http://www.ncia.nato.int)

**To:** Distribution List

**Subject:** Notification of Intent to Invite Bids for International Competitive Bidding

**Spectrum Analysers.**

**IFB-NCIA-NSII-18-06**

1. Notice is hereby given of the intent of the NCI Agency, to issue an Invitation for International Bid in relation to the provision of Spectrum Analysers under Budget Committee Procurement procedure.
2. A summary of the requirements of this Invitation for Bid (IFB) is set forth in Annex A, attached to this letter.
3. The reference for the Invitation for Bid is IFB-NCIA-NSII-18-06, and all correspondence concerning this IFB should reference this number.
4. The estimated cost for the services and deliverables included within the basic scope of the intended contract is EUR 750,000.
5. NCI Agency will use International Competitive Bidding (ICB) Procedure for this procurement with a source selection process of lowest price technically compliant governed by NATO Financial Rules and Procedures.
6. It is planned to place a single contract for the entire scope of work. Partial bidding will not be allowed.
7. The formal IFB is planned to be issued in October 2018 with a Bid Closing Date November 2018 and Contract Award December 2018.
8. Bidders are advised that there will be a tentative bid validity of 6 months from the closing date for receipt of bids. Should the selection and award procedure extend beyond 6 months after the Bid Closing Date, firms will be requested to voluntarily extend the validity of their bids. Bidders may decline to do so, withdraw their bid and excuse themselves from the bidding process without penalty.
9. National responsible authorities are kindly requested that the NCI Agency be provided with Declarations of Eligibility, not later than 29th of October 2018 of qualified and certified firms which are interested in bidding for this project. The Declarations of Eligibility shall include the following information for each of the nominated firms: name of the firm, telephone number, fax number, e-mail address and point of contact. This information is critical to enable prompt and accurate

communication with prospective Bidders and should be sent to the following address:

NCI Agency  
Building 302 Annex Room 110  
7010 SHAPE, Belgium  
Attention:  
Contracting Officer  
E-mail: [yseult.godimus@ncia.nato.int](mailto:yseult.godimus@ncia.nato.int)

10. It is emphasised that requests for participation in this competition received directly from individual firms cannot be considered.
11. Any inquiries with regards to this notification should be made directly to [Ludovic.Nicolas@ncia.nato.int](mailto:Ludovic.Nicolas@ncia.nato.int)
12. Your assistance in this procurement is greatly appreciated.

FOR THE DIRECTOR OF ACQUISITION:



Tiziana PEZZI  
Principal Contracting Officer

**Attachment:**

Annex A- Summary of the Requirements

## **ANNEX A – SUMMARY OF REQUIREMENTS**

### **1. Introduction**

SATCOM Service Area uses high specification spectrum analysers to monitor, test, calibrate and fault-find NATO's satellite ground terminals (SGT). The current spectrum analyser is the Keysight E4440A. This model's end of support date is 2020, and it should therefore be replaced in order to provide a reliable, repairable capability.

The present requirement is for eight fully functioning spectrum analysers of similar type to Keysight E4440A, compliant with the technical specifications as per the table below

### **2. Trade-in option**

Offers must include a trade-in option for eight fully functioning Keysight E4440A PSA Spectrum Analyser 3Hz to 26.5 GHz, with the following options (replacing before end of support means that the current spectrum analysers have a residual value that can offset the cost of new equipment)

- a. Power Suite Utilities: version A.07.36
- b. Option 111 (USB)
- c. Option 115 (Compact Flash Memory)

## Technical Specifications

	Specification	Value/range	Notes
4.1	Real-Time Analysis	Yes	
4.2	Frequency Range (DC coupled)	3Hz to 26.5GHz	
4.3	Max Analysis BW	85 MHz	
4.4	Max Real-Time BW	85 MHz	
4.5	RBW Range	1Hz to 8MHz	
4.6	DANL @1GHz	-169 dBm	
4.7	Phase Noise @1 GHz (10kHz offset)	-118dBc/Hz	
4.8	Overall Amplitude Accuracy	±0.19 dB	
4.9	TOI @1 GHz	+19 dBm	
4.10	Standard Attenuator Range	70 dB	
4.11	Standard Attenuator Step	2 dB	
4.12	Web Server for M&C	Yes	
4.13	Signal Analyzer Capabilities	Yes	
4.14	Real-Time Data Streaming	Yes	
4.15	Real-Time Spectrum Recorder and Analyser Application	Yes	
4.16	LAN / TCP/IP interface	Yes	
4.17	USB 3.0 Interface	Yes	
4.18	GPIB Interface	Yes	
	Vector modulation analysis software	option	
	Phase noise measurement software	option	
	Cable RF, coaxial, N-type, 2m length	option	
	Connector	SMA to N-type	If required to connect to instrument face

More information will be provided at the time of the IFB.