Acquisition Directorate

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NCIA/ACQ/2020/6432
11/05/2020

Market Survey - Request for Additional Information

Project "Cost Estimating Software Tool"
Project Serial Number 115150

NCI Agency Reference: 115150 Estimating Tool

NCI Agency is seeking information from Nations and their Industry regarding the availability and ROM Pricing of a Commercial-Off-The-Shelf (COTS) Cost Estimating Software Tool.

NCI Agency Points of Contact
Principal Contracting Officer (PCO) Gael Craver
Action Officer: Dorina Cani

E-mail: dorina.cani@ncia.nato.int

To: Distribution List (Annex A)

Subject: **NCI Agency Market Survey**
                Request for Information 115150

1.   NCI Agency requests the assistance of the Nations and their Industry to identify COTS solutions available to provide a COTS Cost Estimating Tool and associated ROM pricing.

2.   NCI Agency requests the broadest possible dissemination by Nations of this Market Survey Request to their qualified and interested industrial base.

3.   A summary of the requirements is set forth in the Annex B attached hereto. Respondents are requested to reply via the questionnaire at Annex C. Other supporting information and documentation (technical data sheets, marketing brochures, catalogue price lists, descriptions

NATO Communications
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NATO UNCLASSIFIED

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of existing installations, manuals, etc.) are also desired. .

4. The NCI Agency reference for this Market Survey Request is **MS-115150**, and all correspondence and submissions concerning this matter should reference this number.

5. Responses may be issued to the NCI Agency directly from Nations or from their Industry (to the Point of Contact indicated at Paragraph 8of this Market Survey Request). Respondents are invited to carefully review the requirements in Annex B. .

6. Responses shall in all cases include the name of the firm, telephone number, e-mail address, designated Point of Contact, and a NATO UNCLASSIFIED description of the capability available and its functionalities. This shall include any restrictions (e.g. export controls) for direct procurement of the various capabilities by the NCI Agency. Non-binding product pricing information is also requested as called out in Annex C.

7. Responses are due back to the NCI Agency no later than **17:00 Brussels time 01 June 2020**.

8. Please send all responses via email to the following NCI Agency Action Officer:

To Attention of:	Dorina Cani
Postal address:	NCI Agency Acquisition Directorate Boulevard Leopold III B-1110 Brussels Belgium
E-mail:	Dorina.cani@ncia.nato.int

9. Product demonstrations with industry are expected during this initial stage. Demonstrations are expected to take place either virtually or on location at either Brussels or The Hague. Respondents will be contacted if such a demonstration is planned by the Agency. Respondents are requested to await further instructions after their submissions and are requested not to contact directly any NCI Agency staff other than the POC identified above in Paragraph 8. .

10. Any response to this request shall be provided on a voluntary basis. Negative responses shall not prejudice or cause the exclusion of companies from any future procurement that may arise from this Market Survey. Responses to this request, and any information provided within the context of this survey, including but not limited to pricing, quantities, capabilities, functionalities and requirements will be considered as information only and will not be

construed as binding on NATO for any future acquisition.   .

11.   The NCI Agency is not liable for any expenses incurred by firms in conjunction with their responses to this Market Survey and this Survey shall not be regarded as a commitment of any kind concerning future procurement of the items described.

12.   Your assistance in this Market Survey request is greatly appreciated.

FOR THE DIRECTOR ACQUISITION:

Gael Craver
Principal Contracting Officer

Enclosures:
Annex A (Distribution List)
Annex B (Market Survey Request - Summary of Requirements)
Annex C (Market Survey Request - Questionnaire)

ANNEX B
Summary of Requirements
Project ID 115150

Introduction

There is a need for producing Life Cycle Cost Estimates (LCCE) across the NCI Agency to support program planning and project execution. An investment needs to be made in a cost estimating tool to support historical and unbiased estimating techniques. Developing, sharing, and reporting life cycle cost estimates requires independent tools and a standardized framework to automate key analysis tasks and simplify the estimating process. These tools can be based on parameters, artificial intelligence or any other current industry standard.

Agency Requirements

NCI Agency must provide Life Cycle Cost Estimating capabilities and program planning and budgeting in support of Service Life Cycle Management. The Agency must establish one core suite of tools that can be used on two different business networks—NATO Restricted (NR) and NATO Secret (NS). The tools must provide Life Cycle Cost Estimating capability using parametric or other techniques structured in a work breakdown framework. These tools must be recognized in industry and contain a large database of historical projects (both military and commercial) that cover the following key domains including:

1. Systems of Systems
2. IT Infrastructure
3. Software
4. Hardware

The tool can either be comprised of a suite of applications or a single application. The Agency should be able to calibrate the tool to use its own data, but not be reliant upon user data to prepare estimates.

When estimating software projects, the tool must be able to, at a minimum, use both function points and Lines of Code as the sizing parameter. The tool should be able to estimate projects being developed using Agile.

The reporting capability of the tool must be able to interact with MS products like PowerPoint and Word, but especially Excel. Reporting should include the following capabilities:

1. Report in Base Year and/or Then Year
2. Convert between currencies
3. Report both tabular information as well as charts and figures
4. Prepare a Monte Carlo analysis

The Agency plans to have 10-12 users in 2021 with growth to 14-16 users by 2025.

Training should be available to both familiarize the staff with the tool initially, but also on a continuing basis to learn about changes to the application and to improve user's abilities to become more efficient and accurate.

Support of the tool for both questions on modelling and issues with the tool needs to be available with a response time of less than 24 hours.

The expected contract award for this project is begin November 2020.