

JUSTIFICATION FOR SOLE SOURCE/BRAND NAME SOLE SOURCE <\$150K

PLEASE FILL IN ALL APPLICABLE BLOCKS BELOW.
A NARRATIVE MUST BE ADDED TO ALL APPLICABLE SECTIONS.

PO Number:		REQ Number: 72221	
The effort listed on this form is for: (<u>please mark one</u>):	<input checked="" type="checkbox"/> Supply	<input type="checkbox"/> Service	
The material and/or service listed on this form is (<u>please mark one</u>):	<input checked="" type="checkbox"/> Sole Source	<input checked="" type="checkbox"/> Brand Name	

Restricted to the following source or manufacturer:

- Manufacturer/Source: Senturion Forecasting LLC

- POC and Phone Number:



- Address:
Senturion Forecasting LLC
503 Bluefield Drive
Claremont, CA 91711



Description of the item(s) or service(s) required and the estimated cost(s):

Item#	MFG Name	MFG Part#	Description	Qty	U/I	Unit Price	Ext Price
	Senturion		5 x Modeling and simulation software site licenses	1		[REDACTED COSTS]	
	Senturion		Five days' on-/off-site training and 80 hours of on-demand consulting support	1			

1. List the Required Delivery Date (RDD) or Period of Performance (POP):



The quantity of 5 site licenses, training, and support are needed for a period of one year.

- 2. Specify characteristics of the material or service that limit the availability to a sole source/brand product (unique features, function of the item, etc.). Describe in detail why only this source/brand can furnish the requirements to the exclusion of other sources/brands.**

This software is commercially available and is currently being used by various Government agencies to for simulating and estimating how conflicts and crises evolve overtime. The Senturion software has a Verified, Validated and Authorized (VV&A) rating by the US Government. The course OA4604, Wargaming Applications and various Operations Research will utilize the Senturion software's capabilities of Baseline Forecast, Sensitivity Testing, Robustness Testing, Monte Carlo Analysis, in wargaming for education and research purposes, The software is commercially available for use and does not require customization. The Senturion software required is published and supported only by the manufacture, with no authorized resellers. The software license and services are owned and supported Senturion Forecasting, LLC.

- 3. Indicate if the requested material or service represents the minimum requirements of the Government.**

NPS needs an agent-based game theoretic model that can accurately predict and execute sophisticated modeling of complex negotiations and crises scenarios, based on reliable platforms deemed valid under the VV&A rating of the U.S. government. Senturion is the only platform that meets this standard for executing the required functions.

The software will allow NPS to integrate into the educational and research context simulations of complex negotiations, with accurate estimates how crises evolve over time, identify simulated opportunities, generate network analysis, and test for statistical/empirical validity of predicted outcomes. This is the only commercially available software of its kind containing the necessary requirements for accurate and reliable modeling of complex negotiations and crises scenarios under conflict setting. The software is verified and validated (V&V) by the Department of Defense.

- 4. Indicate if the material or service must be compatible in all aspects (form, fit, and function) with existing systems presently installed/performing. Describe the equipment/function you have now and how the new item/service must coordinate, connect or interface with the existing system.**

The software is going to be used in the course OA4604 Wargaming Applications and will support other various similar subject matter and research.

- 5. Does a patent, copyright or proprietary data limit competition?**

The software license and services are owned and supported by Senturion Forecasting, LLC

- 6. Are the items "direct replacement" parts/components for existing equipment? If so, provide the information about the Next Higher Assembly (NHA)/equipment which the replacement parts are going into (e.g., description, model, part number, Original Equipment Manufacturer (OEM), etc.).**

N/A

7. **Provide any additional information to support a sole source/brand name sole source procurement. The rationale must justify “either” substantial duplication of cost to the Government that is not recovered through competition or unacceptable delays in fulfilling the mission of the agency.**

41 USC 253(c)(1), FAR 6.302-1, Only one responsible source and no other supplies or services will satisfy agency requirements

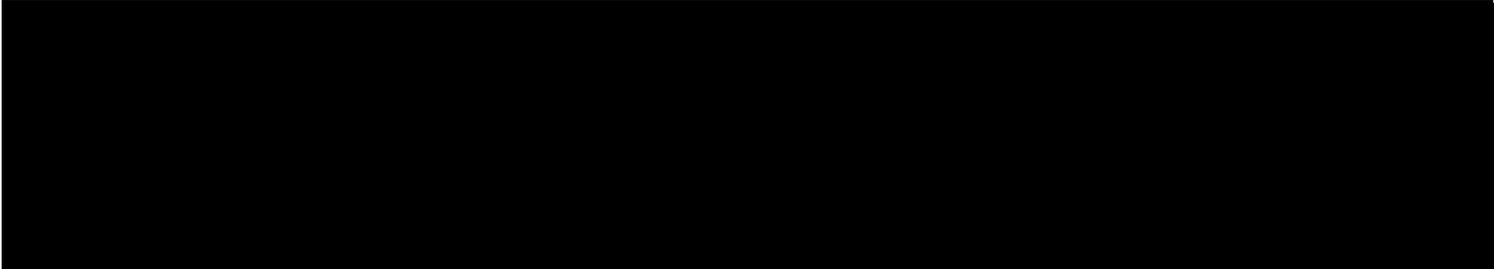
Senturion Forecasting LLC is the only source for this software.

NPS’s education and sponsored research requires the Senturion software on a sole source basis due to the analytical requirements for accuracy, specificity, ability to execute, and has advanced predictive functionality and the ability to execute complex modeling of crises in a relatively short time period.

The product identified by brand name herein have been identified as the only products, with the manufacturer being the only one responsible source and no other supplies or services will satisfy agency requirement. This software will allow the OA4604 course taught at NPS to meet the program’s requirements, sponsored research, and is a software platform used and has been VV&A by the US Government.

TECHNICAL OR REQUIREMENTS CERTIFICATION

I CERTIFY THAT THE STATEMENTS CHECKED, AND INFORMATION PROVIDED ABOVE ARE COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT THE PROCESSING OF THIS SOLE SOURCE/BRAND NAME SOLE SOURCE JUSTIFICATION PRECLUDES THE USE OF FULL AND OPEN COMPETITION.



CONTRACTING OFFICER APPROVAL:

