

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:		
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 type="checkbox"/> Brand Name

Restricted to the following source or manufacturer:

- **Manufacturer/Source:**

MapleSoft:
Maple: <http://maplesoft.com/products/maple/>
MapleTA: www.maplesoft.com/products/mapleTA

- **POC and Phone Number:**

Oonagh Evans
Renewal Account Manager
Phone: 1800 267-6583 x522
Fax: 519 747-5284
Email: oevans@maplesoft.com

- **Address:**

615 Kumpf Drive
Waterloo, ON Canada
N2V 1K8

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
0001	Maplesoft	A-001961 EMP	1 year Maple 5000 floating Users technical support period 03/29/2016 - 03/28/2017	1	Ea	\$12,600.00	\$12,600.00
0002	Maplesoft	Maple TA	150 user license	1	EA	\$4500.00	\$4500.00
1001	Maplesoft	A-001961 EMP	1 year Maple 5000 floating Users technical support period 03/29/2017 - 03/28/2018	1	Ea	\$12,600.00	\$12,600.00
1002	Maplesoft	Maple TA	150 user license	1	EA	\$4500.00	\$4500.00
2001	Maplesoft	A-001961 EMP	1 year Maple 5000 floating Users	1	Ea	\$12,600.00	\$12,600.00

			technical support period 03/29/2018 - 03/28/2019				
2002	Maplesoft	Maple TA	150 user license	1	EA	\$4500.00	\$4500.00

*** If additional items are required, please provide on a separate spreadsheet

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

03/29/2016 - 03/28/2017

*** If additional space is required, please attach a continuation sheet.

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.

The Maple software provides a powerful range of mathematical capabilities, that many NPS instructors and students have applied in a variety of ways. One of the major capabilities of Maple is symbolic mathematical calculation: doing algebra, calculus, etc. on formulas and functions involving symbolic variables. In contrast, MatLab uses purely numerical computation, and lacks these symbolic capabilities (except through a "Symbolic Toolbox" that employs the Maple kernel).

Much of the courseware has been developed, particularly for Applied Math courses, where Maple is an integral part of presenting the course material. An enormous amount of effort has gone into developing literally hundreds of Maple worksheets for use in the classroom.

This justification covers the procurement of Maple A-001961 EMP for 1 year Maple 5000 floating Users technical support and Maple TA 150 user license. This license is for academic use only. This justification for other than full and open competition will be posted at the Government wide Point of Entry.

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

This requirement represents the minimum requirements of the government.

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.

MapleTA is a web-based test taking software. It also allows faculty to create custom tests that will grade the test as it is taken. MapleTA is a proprietary test taking software developed by MapleSoft. The kernel developed for MapleTA uses specific algorithms that are used within Maple software. No other web-based test taking software uses the Maple kernel to compute mathematical equations. Changing services would incur costs to training students, faculty and staff.

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

Software widely used on NPS campus and in Math curriculum specifically. Maple is a support and maintenance cost for software previously purchased. MapleTA is a proprietary test taking software

developed by MapleSoft. The kernel developed for MapleTA uses specific algorithms that are used within Maple software. No other web-based test taking software uses the Maple kernel to compute mathematical equations.

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- 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.).

Based on market research, MapleSoft is the sole company that can provide the proper maintenance and support contract. NPS already has the software in place and requires maintenance from Maplesoft directly.

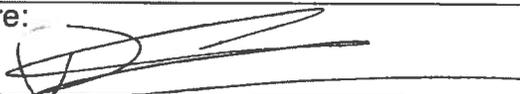
- Provide any additional information to support a sole source/brand name sole source procurement. The rationale must justify "either" substantial duplication of cost to the Government that is not recovered through competition or unacceptable delays in fulfilling the mission of the agency.

Changing software packages would incur costs to training students, training faculty, training staff, changes to IT infrastructure, changes to IT support material and changes to campus support material. Cost would include materials, hardware and labor

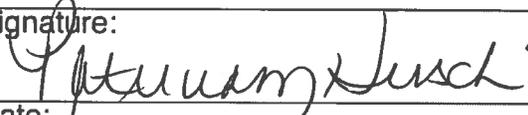
*** If additional space is required, please attach a continuation sheet.

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.

Printed Name: DANIEL SABELMAN	Signature: 
Title: ACADEMIC SOFTWARE LICENSING	Date: 2-2-2016

CONTRACTING OFFICER APPROVAL:

Printed Name: PATRICIA M. HIRSETH	Signature: 
Title: Director, Contracting & Logistics Mgmt	Date: 2/3/2016