

DEPARTMENT OF THE ARMY
Sole Source Justification for Purchase under the SAT
(Using FAR Part 13)
Purchase Request #: 11631249

1. **Contracting Activity:** The US Army Contracting Command-Detroit Arsenal (ACC-DTA) is the procuring activity for this action.

2. **Description of the Supply or Service Purchased:** ACC-DTA, along with the Ground Vehicle Systems Center (GVSC) Chief Information Office (CIO), propose to award a new firm-fixed-priced (FFP) order for software, technical support, training, and consulting to cover the licenses of various Maintenance Aware Design environment (MADe) software. MADe is a maintenance focused modeling and simulation software used throughout a lifecycle of a vehicle platform in order to optimize the design of the system using maintenance as a criteria. MADe is a commercial off the shelf application. This commercial software product has been used in conjunction with, and integrated into, a proof of concept project modeling and simulating maintenance of the Stryker program led by the Logistics Engineering team within the Technical Planning and Management directorate at GVSC.

Recommended Supplier:

PHM Technology
9/120 Queens Parade, Fitzroy North VIC 3068, Australia
Chris Stecki
+61 (409) 419 246
cstecki@phmtechnology.com
CAGE CODE: Z10M2
DUNS: 754914166

The type of funds to be used are FY21 Research, Development, Test and Evaluation – Army (RDT&E).

3. **Dollar Amount:** The estimated total purchase price is [REDACTED], which includes:

Base period: [REDACTED]
Option Period 1: [REDACTED] (License suite only)
Option Period 2: [REDACTED] (License suite only)
Option Period 3: [REDACTED] (License suite only)

4. **Authority Cited:** The statutory authority permitting other than full and open competition is 41 U.S.C. 253(c), Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements, as implemented by FAR 13.106-1(b)(1), “Soliciting from a Single Source.”

5. Reason for Authority Cited: PHM Technology is the only vendor that can provide this software and training as per the attached Sole Source letter.



PHMT Sole Source
Letter v20210504.pdf

GVSC will employ MADe software products to develop modeling and simulation software for live, virtual, and constructive simulation. This software is available to engineers who use the software to improve the durability of the Army's ground vehicle systems and support systems. There is no commercial off-the-shelf (COTS) software license available with the same functionality. It has been determined that the MADe framework provides the richest and fullest feature framework and the commercial support provides the best resources to address technical issues and software maintainability. It was determined that, although there was other software that had similar functionality conditions, there was no specific software other than MADe software that fit the identical architectural purpose and function that would integrate within the protocol Suite as originally designed.

6. Market Research: Pursuant to FAR 10.002, market research was performed by Adam Brennan in March 2021 and it was determined that MADe software was the only product that met the Government's requirements. An internet search and discussion amongst various Department of Defense (DoD) and Army stakeholders for products that offer the same capability that MADe provides did not produce any additional suppliers or distributors that can provide the required software maintenance during 2021.

7. The **POC** for this action is Ray Samul, raymond.a.samul.civ@mail.mil, 586-282-2162.

8. Contracting Officer Certification: I certify this justification is accurate and complete to the best of my knowledge and belief.

6/9/2021

X Kimberly A. Nelson //s//

Kimberly A. Nelson

Contracting Officer

Signed by: NELSON.KIMBERLY.A.1380834134