[redacted]

DEFENSE LOGISTICS AGENCY
HEADQUARTERS
8725 JOHN J. KINGMAN ROAD
FORT BELVOIR, VIRGINIA 22060-6221

SPRDL1-25-R-0020 (JA-00938)
No Prior J&As are available

JUSTIFICATION AND APPROVAL FOR OTHER THAN FULL AND OPEN COMPETITION SPRDL1-25-R-0020

1. **Contracting Agency:** Defense Logistics Agency - Land Warren (DLA-WRN).

2. **Description of Action:** DLA-WRN proposes to award a new Firm-Fixed-Price contract to Robertson Fuel Systems, L.L.C., Commercial and Government Entity (CAGE) 1T765, or an offeror providing the product of the approved source for National Stock Number (NSN) 2910-01-620-2142, Engine Fuel Tank, using Army Working Capital Funds.

3. **Description of Supplies/Services:** The NSN 2910-01-620-2142, part number HM045-010-11 / 12535649, Engine Fuel Tank, is used on the Bradley A3 Fighting Vehicle. [redacted] The deliverable for this contract is for a five-year Long-Term Contract (LTC), minimum quantity of 266 each and a five-year maximum quantity of 3,500 each. The five-year maximum value of this contract is estimated at [redacted]

Acquisition Method Code (AMC):
3 - Acquire, for the second or subsequent time, directly from the actual manufacturer.

Acquisition Method Suffix Code (AMSC):
B - Acquisition of this part is restricted to source(s) specified on "Source Control", "Altered Item" or "Selected Item" drawings/documents."

4. **Authority Cited:** The statutory authority permitting other than full and open competition for this effort is 10 United States Code (U.S.C.) 3204(a)(1) as implemented by Federal Acquisition Regulation (FAR) 6.302-1, Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements.

5. **Reason for Authority Cited:** As authorized by FAR 6.302-1, procurement by other than full and open competition is necessary because no other company has access to the proprietary technical data and test equipment owned by Robertson Fuel Systems that is needed to properly produce and test this Engine Fuel Tank, part number 12535649 / HM045-010-11. The Government's Technical

[redacted]

Data Package (TDP) is incomplete, and the Government does not have the pertinent technical data or intellectual property data rights for the inner blast-proof/self-healing bladder to enable competitive re-procurement. Robertson Fuel Systems is the sole owner of their technical data rights for Engine Fuel Tank part number HM045-010-11. Robertson Fuel Systems has developed, tested and obtained Government approval for this item for application to the Bradley A3 Fighting Vehicle at their own cost. The Government did not fund their efforts in developing and testing this item.

Engine Fuel Tank, part number 12535649 / HM045-010-11, is used on the Bradley A3 Fighting Vehicle. It functions as a main component for the engine's fuel system, storing the fuel needed to power the vehicle's engine. [redacted] In order to qualify additional vendors, a significant amount of time and substantial cost would be necessary to reverse engineer and procure and test additional prototypes before releasing the complete, competitive TDP. [redacted]

Only Robertson Fuel Systems has the requisite technical and engineering expertise to perform all efforts required to provide the Engine Fuel Tank, including manufacturing the Fuel Tank and its components, performing failure analysis, developing inspection and acceptance criteria for components, and testing the item. Robertson has demonstrated the ability to establish and maintain the processing required to produce this item and has qualified in accordance with all the necessary test requirements and performance parameters. The subject component is installed in the Bradley A3 Fighting Vehicle to provide effective operation of the engine's fuel system. [redacted]

Due to the lack of a drop-in replacement and incomplete technical data available for the Engine Fuel Tank, Reverse Engineering is the only recourse for the Government to increase competition through development of a competitive build-to-print TDP. A significant amount of time and substantial cost would be necessary to reverse engineer, procure and test prototypes, release the design, and develop a competitive TDP. To complete the Reverse Engineering process successfully, the Government would have to obtain a sufficient sample size of existing parts. Once a large enough sample has been collected, the Government would then tear down and understand the design, identify requirements, develop new design, conduct prototype development, execute testing, and then produce the final TDP. [redacted]

In addition, there is always the potential for defects to surface during testing that could adversely impact the readiness of the equipment and further increase costs beyond the Reverse Engineering estimate. These additional costs would be very difficult to be recouped through subsequent competition. Furthermore, even if the reverse-engineering effort were to be successful, the Government would still incur excessive costs and lead-time delay for an item that currently has

The Government would not be able to recover, through subsequent competition, the duplication of costs involved in reverse engineering the item to create a competitive TDP within a reasonable time frame. At the current average usage rate of units each year, a current unit cost of , and assuming 25% savings achieved through competition, the in annual savings would take over years to offset the estimated cost of reverse engineering the item and validating a competitive TDP.

At this time, there are no current or planned efforts to qualify additional sources due to the fact that the TDP available for Engine Fuel Tank part number 12535649 is incomplete and Reverse Engineering would be required before beginning the costly, time-consuming qualification process. Contractors interested in producing this item can seek approval through the Source Approval Program with the Competition Advocates Office.

6. Efforts to Obtain Competition:

a. Effective competition: Due to the reasons cited in Section 5 above, the Government is not pursuing competition for this item. Notices required by FAR 5.201 will be posted.

b. Subcontracting competition: Unless the contract is awarded to a small business, the solicitation and resulting contract will include FAR clauses 52.219-8, "Utilization of Small Business Concerns"; 52.244-5, "Competition in Subcontracting"; 52.219-16, "Liquidated Damages--Subcontracting Plan"; and Defense Federal Acquisition Regulation Supplement (DFARS) 252.219-7003, "Small Business Subcontracting Plan (DoD Contracts)", to maximize small

business opportunities and utilization.

7. Actions to Increase Competition: There are no plans to increase competition for future procurements due to the reasons cited above.

8. Market Research: A Sources Sought Notice was posted to SAM.gov on 23 October 2024 and was open for 14 days. No responses were received.

DEVCOM Engineering completed web-based market research on 31 October 2024, searching for companies that produce "blast-proof fuel bladder" and "self-healing fuel bladder". The Following websites were visited and reviewed:

www.premier-fuel-systems.com
www.atlinc.com
www.fuelsafe.com

Although these manufacturers claim to have the capability to produce self-healing fuel bladders, none of them currently produce a drop-in replacement for NSN 2910-01-620-2142 that would be compatible with the Bradley A3 Fighting Vehicle, they would all still require reverse engineering of the current Engine Fuel Tank in order to develop test requirements, then they would require validation testing and significant integration work to be performed.

9. Interested Sources: To date no additional sources have expressed interest in this item.

10. Other Facts: Procurement History:

1) Contract Number: SPE7L3-24-P-6790
   Award Date: 10 July 2024
   Contractor: Integrated Procurement Technologies
   Contract Value: $791,654.25
   Competitive Status: FAR 6.302-1 only one responsible source

11. Technical Certification: I certify that the supporting data under my cognizance which is included in the justification is accurate and complete to the best of my knowledge and belief.

Name: [redacted]
Title: SIE Director DEVCOM GVSC
Signature:

1/14/2025

X [redacted]

Signed by: USA

12. Requirement Certification: I certify that the supporting data under my cognizance which is included in the justification is accurate and complete to the best of my knowledge and belief.

Name: [redacted]
Title: ILSC Executive Director
Signature:

1/14/2025

X [redacted]

Signed by: [redacted]

13. Fair and Reasonable Cost Determination: I hereby determine that the anticipated cost to the Government for this contract action will be fair and reasonable. This determination will be based on the results of a detailed cost and/or price analysis. The contractor will be required to submit certified cost or pricing data as this item has been determined to be an other than commercial product.

Name: Mahlmeister, Jeffrey J CIV DLA LAND AND MARITIME (USA)
Title: Contracting Officer
Signature:

1/14/2025

X //JJM //

Signed by: MAHLMEISTER.JEFFREY.J [redacted]

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

Name: Mahlmeister, Jeffrey J CIV DLA LAND AND MARITIME (USA)
Title: Contracting Officer
Signature:

1/14/2025

X //JJM M //

Signed by: MAHLMEISTER.JEFFREY.J. [redacted]

[redacted]

SPRDL1-25-R-0020 (JA-00938)
No Prior J&As are available

Approval Authority for Acquisitions Equal to or greater than $100M

APPROVAL OF JUSTIFICATION FOR
OTHER THAN FULL AND OPEN COMPETITION

Based on the foregoing Justification, I hereby approve the following procurement of the following:

a. Tank, Fuel, Engine

b. NSN: 2910-01-620-2142

c. Minimum Quantity: 266 Each

d. Estimated Minimum Value: [redacted]

e. Option Percentage: N/A (Five-Year LTC)

f. Maximum Quantity: 3,500 Each

g. Estimated Maximum Value: [redacted]

This action will be awarded under other than full and open competition pursuant to the authority of 10 U.S.C. 3204(a)(1) and subject to the availability of funds. This approval is subject to the provision that the property herein described has otherwise been authorized for acquisition.

CONTRACTING OFFICER CERTIFICATION

I hereby certify that the information contained in this justification is accurate and complete to the best of my knowledge and belief.

Signature: MAHLMEISTER.JEFFREY.J.[redacted] Digitally signed by MAHLMEISTER.JEFFREY.J.128[redacted] Date: 2025.04.09 13:49:26 -04'00'

Jeffrey J. Mahlmeister
Contracting Officer

I have reviewed this justification.

~~Signature~~: No longer required...

~~DLA Land and Maritime Counsel~~

[redacted]

I have reviewed and recommend approval of this justification. The estimated total value of the J&A is [redacted]

Signature: PETERSON.GEORGE.D.[redacted] Digitally signed by PETERSON.GEORGE.D.[redacted] Date: 2025.04.15 16:36:17 -04'00'

DLA Land and Maritime Competition Advocate

I have reviewed and hereby recommend that this justification be approved.

Signature: JOHNSON.ROBERT.D.[redacted] Digitally signed by JOHNSON.ROBERT.D.[redacted] Date: 2025.04.29 15:37:44 -04'00'

ROBERT D. JOHNSON, SES
Head of the Contracting Activity

I have reviewed this justification.

~~Signature:~~ No Longer Required

~~Office of General Counsel~~

I have reviewed and recommend approval of this justification.

Signature: ATWOOD.GEORGE.W.III.[redacted] Digitally signed by ATWOOD.GEORGE.W.III.[redacted] Date: 2025.05.27 15:41:21 -04'00'

DLA Competition Advocate
I hereby approve this justification.

Signature: BEEBE.MATTHEW.RICHARD.[redacted] Digitally signed by BEEBE.MATTHEW.RICHARD.[redacted] Date: 2025.05.27 17:18:32 -04'00'

MATTHEW R. BEEBE
Senior Procurement Executive

Attachments:
1. Sources Sought
2. Acquisition Plan