JUSTIFICATION AND APPROVAL FOR OTHER THAN FULL AND OPEN COMPETITION JA-01109 - SPRDL1-25-R-0105

1. Requiring Activity: The Integrated Logistics Support Center Detroit Arsenal is the activity responsible for this action.

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

3. Description of Action: DLA-WRN proposes to award a New Firm-Fixed-Price contract to an offeror providing the product of DRS LLC, Commercial and Government Entity (CAGE) 24290, the approved source for National Stock Number (NSN) 5998-01-575-3005, Circuit Card Assembly (CCA) Relay Board, using Army Working Capital Funds.

4. Description of Supplies/Services: The NSN 5998-01-575-3005, part number 12496463, Circuit Card Assembly (CCA) Relay Board, is used on the Bradley Family of Vehicles. The deliverable for this contract is for a base quantity of 34 each, with an option quantity 34 each, making a total quantity of 68 each. The total maximum value of this contract is $[redacted].

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

Acquisition Method Suffix Code (AMSC):
D - The data needed to produce this item from additional sources is not physically available.

5. 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.

6. Reason for Authority Cited: The CCA Relay Board, a component of the Digital Vehicle Distribution Box (DVDB), plays a crucial role in the functionality of various systems within the Bradley Vehicle. [redacted] Overall, the CCA Relay Board ensures proper power management and distribution for key components within the vehicle,

[redacted]

Only DRS has the requisite technical and engineering expertise to perform all efforts required to provide the CCA Relay Board. DRS has demonstrated unique and proven manufacturing capabilities to establish and maintain the processing control required to repetitively produce the Circuit Card Assembly Relay Board. The Technical Data Package (TDP) the Government has for the CCA Relay Board is incomplete and refers to DRS proprietary documents and software. The Government does not own proprietary rights to the documents that would be required to produce a competitive TDP. [redacted]. The [redacted]

Due to the lack of technical data available on the CCA Relay Board, reverse engineering is the only recourse the Government could entertain to increase competition through development of a competitive TDP. The estimated cost to reverse engineer the CCA Relay Board is $4,850,000. This would cover various reverse engineering tasks such as: requirement development and hardware design ($2,000,000), Reliability Assessment and Monitoring (RAM) vehicle testing on three vehicles ($2,250,000), and development and validation of the TDP ($600,000). The nature of this hardware requires significant qualification testing and system level testing.

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 [redacted] a current unit cost of $[redacted], and assuming 25% savings achieved through competition, the $[redacted] in annual savings would take over [redacted] to offset the estimated $4,850,000 cost of reverse engineering the item and validating a competitive TDP.

Reverse Engineering Activity	**Costs**
Requirement development & Hardware Design	$2,000,000.00
RAM Vehicle Testing – 3 Vehicles	$2,250,000.00
Develop & Validate TDP	$ 600,000.00
Total Cost for Reverse Engineering	$4,850,000.00

7. Efforts to Obtain Competition:

a. Effective competition: Due to the reasons cited in Section 5, the Government is not pursuing competition for this item. The notices required by FAR 5.201 shall be published, and any bids or proposals received shall be considered. Sole Source 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 252.219-7003, "Small Business Subcontracting Plan (DoD Contracts)", to maximize small business opportunities and utilization.

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

9. Market Research: A Sources Sought Notice was posted to SAM.gov on 23 May 2025, and was open for 15 days.

Artemis Electronics - CAGE: 41JV4, Women Owned Small Business
BHPE, LLC – CAGE: 9SWS7, Service Disabled Veteran Owned Small Business
IPS Assembly - CAGE: 9VP58, Small Business

Information on becoming an approved source through the Source Approval Process (SAP) was sent to the interested contractors. To date, these documents have not been completed or returned. Artemis and IPS Assembly both could potentially provide this item but would have to undergo the source approval process. BHPE LLC did not provide any information about their capability to provide this item.

The U.S. Army Combat Capabilities Development Command Engineering completed web-based market research on 02 July 2025, searching for companies that have relay boards. There are multiple companies that have generic relay boards. Without testing the relay boards in the next higher assembly, Engineering is unable to determine if the relay boards would be a drop-in replacement for the DRS CCA Relay Board.

10. Interested Sources: To date additional sources have expressed interest as listed above in Section 9.

Artemis Electronics - CAGE: 41JV4, Women Owned Small Business
BHPE, LLC – CAGE: 9SWS7, Service Disabled Veteran Owned Small Business
IPS Assembly - CAGE: 9VP58, Small Business

Information on becoming an approved source through the Source Approval Process (SAP) was sent to the interested contractors. To date, these documents have not been completed or returned.

11. Other Facts: Procurement History:

A. 1. Contract Number: SPRDL1-22-P-0083
2. Award Date: 31 August 2022

3. Awardee: DRS Network & Imaging (CAGE: 32865)
4. Contract Value: $136,660.00 (Total value – base plus option)
5. Competitive Status: Other than Full and Open Competition
6. Authority Cited: 10 U.S.C. 3204(a)(1), Implemented by FAR 6.302-1

B. 1. Contract Number: SPRDL1-20-P-0086
2. Award Date: 11 February 2020
3. Awardee: DRS Network & Imaging (CAGE: 32865)
4. Contract Value: $158,129.53 (Total value – base plus option)
5. Competitive Status: Other than Full and Open Competition
6. Authority Cited: 10 U.S.C. 3204(a)(1), Implemented by FAR 6.302-1

12. 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: Branch Chief, Medium Combat Sustainment
Signature:

X

13. 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: Branch Chief, Procurement
Signature:

X

14. 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 not be required to submit certified cost or pricing data as this item has been determined to be under the Truth in Negotiation Act (TINA) threshold for an other than commercial product; the contractor may be required to submit other than certified cost and pricing data.

Name: Harrison, Robert W CIV DLA LAND AND MARITIME (USA)
Title: Contracting Officer
Signature:

9/16/2025

X Robert W. Harrison

Signed by: DLA

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

Name: Harrison, Robert W CIV DLA LAND AND MARITIME (USA)
Title: Contracting Officer
Signature:

9/16/2025

X Robert W. Harrison

Signed by: DLA