

## Single Source Justification (Simplified Acquisition)

### Section A: General Contract Information

Is this a Bridge Action as defined in the [AF Bridge Action Reduction Plan](#)? ☐ Yes ☒ No

Contracting Activity: 4th Contracting Squadron, 1570 Wright Brothers Avenue Bldg. 2903, Seymour Johnson AFB, NC 27531

Project/Program Name: Linkless Ammunition Loader System (LAL) parts

Purchase Request / Local ID Number: F3T2MU3065AG01

Estimated Contract Cost (including Options): \$18,575.10

### Section B: Description of the Supplies/Services Required

Under the contemplated contract, Hydraulics International Inc. will manufacture and deliver the following replacement parts for the Linkless Ammunition Loading System (LALS), Part Number 029999-3:

(3 EA) LEVER (P/N 23105-2)  
 (1 EA) SHAFT BRAKE (P/N 23104-1)  
 (4 EA) WASHER (P/N 23102-3)  
 (2 EA) PILLOW BLOCK (P/N 23115-1)  
 (1 EA) COLLAR (P/N 23021-2)  
 (1 EA) HANDLE BRAKE (P/N 02182600)  
 (1 EA) HOSE ASSEMBLY (P/N T1167-03-3FJ-3FJ-18.5)  
 (4 EA) WASHER (P/N 23113-1)  
 (2 EA) FRONT AXLE ASSY (P/N 23089-100)  
 (2 EA) REAR AXLE ASSY (P/N 23090-100)  
 (1 EA) SUPPORT BRAKE ROD (P/N 23112-1)

The anticipated delivery of the above items is approximately 24-26 weeks after award.

### Section C: Justification for Soliciting from a Single Source or Brand Name

Hydraulics International Inc (HII) is the original and only known approved manufacturer and distributor of these parts.

The Linkless Ammunition Loading System is certified by the Air Force Material Command (AFMC). The procurement of its components require compliance with Technical Order 35D2-19-1, which requires manufactured parts to comply with the requirements set by the AFMC cognizant engineer. HII is the only known manufacturer to currently comply with these requirements and have completed this approval process which has an average completion time of two (2) years. In addition, Technical Order 35D2-19-1 states that use of a different part number is established by the Department of Defense (DoD) Interchangeability and Substitution (I&S) Program and the maintenance technician has final responsibility and authority for determining acceptability of substitute parts. Neither the DoD I&S nor the maintenance technician has identified or authorized use of any part numbers besides those listed above solely manufactured and distributed by HII.

These parts have a very low failure rate and it's extremely rare they require complete replacement with new manufactured parts. Due to the dollar value, manufacturing complexity, approval process, and lack of interest/capability by industry for this requirement, it is not reasonable for the Government to anticipate additional manufacturers will invest in completing the approval process for the high likelihood of only a single sale. Additionally, an anticipated lead time of over two (2) years is not reasonable for the Government due to the negative mission impact of having two LALS's unserviceable for this amount of time.

### Section D: Efforts to Obtain Competition

Market research did not identify any other companies willing and capable to provide these parts. An intent to sole source synopsis was posted to SAM.gov for five (5) days, which garnered zero (0) responses. Hydraulics International Inc. was contacted to identify resellers or authorized distributors, and it indicated it does not have resale or distributing agreements with other companies due to the extremely rare commercial need for manufacturing these parts.

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**Section E: Steps to Preclude Future Single Source or Brand Name Awards**

The majority of parts for the Linkless Ammunition System are sourced through the Air Force Supply System. The specific parts listed above have Air Force Part Numbers, but are not currently in the supply system. The 4 MUNS/MXWPD section will work with LRS to rectify part numbers not being listed in the Air Force Supply System to preclude the need for future single source awards. The Air Force is slowly transitioning to the Universal Ammunition Loader System (UALS). Eventually the Linkless Ammunition Loader System will be phased out and there will not be a need for a single source awards for parts when this transition is completed.

**Section F: Contracting Officer's Determination**

I have determined, in accordance with [FAR 13.106-1\(b\)\(1\)](#), that the circumstances of this contract action deem only a single source is reasonably available.

Date	Typed Name and Rank/Grade of Contracting Officer	Signature of Contracting Officer
10-Apr-2023	Aaron A. VanVynckt, Civ, DAF	