Statement of Need for Hardware/Software

Date: 06 FEB 2026

APR/PR Number: 447-0017-26-Z

Title of Requirement: Kern OptiFlex 80x120 Laser System

Program Manager's Name: Ceciley Williams

Contracting Officer Representative's Name: Robert Brown

This is a non-personal services contract to provide ***one (1) Kern OptiFlex 80x120 Laser System****. The Government shall not exercise any supervision or control over the service providers performing the services herein. Such service providers shall be accountable solely to the Contractor who, in turn is responsible to the Government.*

1. WHY

DIA's Design & Fabrication Services (MS/FLS8A) provides timely classified and unclassified custom fabrication products to the Defense Intelligence Enterprise in support of the warfighter, Congress, and the President. Design & Fabrication Services requires one (1) Kern OptiFlex 80x120 Laser System to augment its fabrication capability, satisfy the ever-increasing fabrication demand, and requirement to sustain internal execution methods. This mission requirement is in accordance with congressionally reported/monitored performance measures and expected accomplishments.

2. WHEN

The system is needed by July 31, 2026.

3. WHAT

FLS8A Design & Fabrication Services is seeking vendor to provide, deliver, install, calibrate, and configure **one (1) Kern OptiFlex 80x120 Laser System** and associated accessories and software that deliver outstanding performance, economic efficiency, and quality enhancements. The vendor must provide training to DIA personnel on the equipment and associated accessories and software. The solution must include full production devices. Installation of the device must have minimal impact on daily operations. This task will include procurement, delivery, installation, calibration, configuration, and training which is the sole responsibility of the vendor. All related costs will be the sole responsibility of the vendor and performed during the normal business hours of 0700 thru 1400 hours Monday–Friday at DIA. Vendor vehicles must vacate DIA loading dock by 1400 daily. Only non-propane equipment will be permitted in the DIA facility. Installation shall be coordinated with Government personnel: Design & Fabrication Branch Chief, and the Contracting Officer's Representative (COR),

Kern OptiFlex 80x120 Laser System must include:

- Kern OptiFlex 80" x 120" Laser System.
- KT 500 laser 500W CO2 Laser Source.
- 3 HP chilling unit.
- Coreldraw software (Perpetual license) – Installed.
- UL electrical panel ((208-240V, 3PH, 50A, 50/60Hz).
- Chuck rotary package.
- Safety bumper package (Gantry Bumpers & Light Curtain).
- Metal cutting package.
- K-Vision Camera package.
- S-focus 5" lens assembly.
- 2 days onsite training.
- Lead-in pro for Coreldraw.
- Purge filter assembly.
- Purex 5000i Fume Extractor.
- Standalone version of Adobe Illustrator – Installed.
- PDF Export Tool(s) installed in Adobe Illustrator.
- HyperDual Motion Package.
- Solution must include one (1) PC built to DIA custom specifications and one (1) monitor.
- Solution must include preconfigured software.
- Solution must include 2-year laser system warranty.
- Solution must include 3-year laser replacement warranty.
- Vendor will deliver all equipment to DIA DLOC.
- Vendor proposal must include a drawing to scale with dimensions, electric and pneumatic connection requirements and required free space surrounding installed equipment.

Installation and Training

- Upon DIA delivery of inspected equipment to final work site, vendor shall uncrate, install, calibrate, and configure equipment **within thirty (30) days** of notification by DIA personnel.
- Any system or component that is inoperable, defective, or otherwise not functioning in expected brand-new state upon initial installation, calibration, and configuration by vendor, shall be replaced by vendor **within thirty (30) days** of such determination. Vendor will incur all costs associated with replacement, including (but not limited to) all parts, labor, shipping, travel, etc., unless said malfunction is definitively determined to have been caused by DIA. Replacement parts/systems must be **new** original manufacturer parts for which vendor shall provide detailed proof of purchase/acquisition.

- Vendor shall schedule and train DIA staff on operation of equipment and applicable accessories and software. Training date shall be provided **within thirty (30) days** of completing install and configuration, and be coordinated with Design & Fabrication Branch Chief. The COR shall be included on all communication between vendor and Design & Fabrication Branch Chief.

Service and Maintenance

- Vendor must provide a **clear & comprehensive breakdown** of warranty both digital and physical.
- Maintenance must include detailed purchase list noting **new** original manufacturer parts and labor.
- Vendor must provide maintenance within 48 hours of service call.
- Vendor must provide a detailed visit report outlining all work performed, identifying any parts that require ordering, and noting any concerns or recommended follow-up actions.

This section should also include software maintenance, warranty, 24X7 technical support, etc. and any other items included with this requirement.
The Contractor shall provide the following item(s):

- Kern OptiFlex 80" x 120" Laser System with HyperDual Motion Package.
- KT 500 laser 500W CO2 Laser Source.
- 3 HP chilling unit.
- Coreldraw software (Perpetual license) – Installed.
- UL electrical panel ((208-240V, 3PH, 50A, 50/60Hz).
- Chuck rotary package.
- Safety bumper package (Gantry Bumpers & Light Curtain).
- Metal cutting package.
- K-Vision Camera package.
- S-focus 5" lens assembly.
- 2 days onsite training.
- Lead-in pro for Coreldraw.
- Purge filter assembly.
- Purex 5000i Fume Extractor.
- Standalone version of Adobe Illustrator – Installed.
- PDF Export Tool(s) installed in Adobe Illustrator.

4. DELIVERABLES

The Contractor shall provide the deliverable item(s) stated in Section 3. above.

Hardware: The Contractor shall deliver the hardware item(s) to:

DLOC
c/o Ikun, LLC
3300 75th Avenue – Rear Entrance
Landover, MD 20785

If the address is different than what is stated above, the requiring activity must coordinate with the DLOC to secure a waiver. The completed waiver shall be provided to contracting as a supporting document.

Software: Delivery of the software licenses shall be sent electronically to the COR, enter name of COR at enter e-mail address of COR. The COR is responsible for the certificate of entitlement, and access to the Contractor's portal to ensure software maintenance 24X7 technical support services. The COR shall verify that the software all required deliverables are available through the Government's license key spreadsheet.

5. INSPECTION and ACCEPTANCE: The Contracting Officer's Representative (COR) is responsible for deliverable(s) acceptance.

6. SECURITY REQUIREMENTS: N/A

7. TRAINING: The contractor shall provide training to FLS personnel.