[redacted]

Memorandum for Record – Limiting Competition at or below the Simplified Acquisition Threshold

1. **Requiring Activity:** 13th ACSC, Fort Hood, TX

2. **Contracting Activity:** 418th CSB CSS, Fort Hood, TX

3. **Description of Action:**

Nature of Requirement: ☒ New ☐ Follow-on ☐ Extend

Brand Name: ☒ Yes ☐ No

Contract Vehicle: ☒ Purchase Order
☐ Blanket Purchase Agreement (BPA)
☐ Order/BPA against FSS Contract #_____
☐ Order against multiple award IDIQ Contract
☐ Order against a single award IDC Contract
☐ Modification to existing PO/TO/DO/Call Order

Pricing/Contract Type: ☒ Fixed Price
☐ Cost Reimbursable

Funds: FY: ___2026___
☒ Operations & Maintenance, Army (OMA)
☐ Other Funds: _____

Name of Proposed Contractor(s) and Address:
_____
_____
_____

4. **Description of Services or Supplies:**

Make & Model: Stratasys Origin Two & Stratasys F370CR

Description: This requirement is for a turnkey additive manufacturing solution to establish an organic capability for producing replacement parts at Fort Hood, TX. The acquisition includes two specific industrial-grade 3D printers, or their equals, along with all necessary services for immediate and sustained operation.

1. Stratasys Origin Two (Polymer Printer): An industrial-grade 3D printer utilizing programmable photopolymerization (P3/DLP) technology. It must have a minimum build volume of 192 mm x 108 mm x 370 mm and be capable of producing high-accuracy end-use parts with complex geometries.

[redacted]

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2. Stratasys F370CR (Composite-Ready Printer): An industrial-grade Fused Deposition Modeling (FDM) 3D printer specifically designed for producing composite parts. It must have a minimum build volume of 355 x 254 x 355 mm and be capable of printing with high-strength, carbon fiber-reinforced thermoplastics.

The requirement also includes turnkey installation, configuration, and calibration of all equipment; manufacturer-led on-site training for operators; all necessary software licenses and initial consumables; and a comprehensive warranty and technical support package.

Item	Quantity	Delivery Date	[redacted]
Stratasys Origin Two	1	90 Days ARO	
Stratasys F370CR	1	90 Days ARO	

5. Authority: Select the appropriate authority below:

☒ FAR 12.201-1(a) For commercial acquisitions valued at or below the simplified acquisition threshold

Limiting Sources when Ordering under the Federal Supply Schedule
☐ GSAM 538.7104-3(b)(1)(i) - Urgency
☐ GSAM 538.7104-3(b)(1)(ii) - Only One Source is Capable
☐ GSAM 538.7104-3(b)(1)(iii) - Logical Follow-on
☐ GSAM 538.7104-3(b)(1) (iv) - Satisfy minimum guarantee
☐ GSAM 538.7104-3(b)(1) (v) - Authorized or required by statute
☐ GSAM 538.7104-4 - Items peculiar to one manufacturer

Exceptions to Fair Opportunity
☐ FAR 16.507-6(b)(1) - Unusual and urgent need
☐ FAR 16.507-6(b)(2) - Only One Awardee is Capable
☐ FAR 16.507-6(b)(3) - Logical Follow-on
☐ FAR 16.507-6(b)(4) - Minimum Guarantee
☐ FAR 16.507-6(b)(5) - Statute Authorizes / Requires Purchase from Specified Source
☐ FAR 16.507-6(b)(6) - Satisfies Exception under FAR 6.103
☐ FAR 16.507-7 - Items peculiar to one manufacturer

6. Reasons for Authority Cited:

[redacted]

[redacted]

a. **Explain why the intended Contractor is the only reasonable source who can provide the required supplies or services. Discuss the unique capabilities, expertise, etc. that support the lack of competition.**

This requirement is being processed as a Brand Name restriction, with competition sought among all authorized Stratasys distributors and resellers rather than a single sole-source contractor. These authorized partners represent the only reasonable sources capable of fulfilling this requirement because they hold the exclusive rights to provide the proprietary software licenses (e.g., GrabCAD Print, Streamline Pro) and critical firmware updates required for secure operation and integration with Army digital engineering workflows. Furthermore, the requirement mandates OEM-certified on-site installation, calibration, and manufacturer-led training—services that only authorized Stratasys partners are certified to perform to ensure equipment safety and operational readiness. Finally, procuring through authorized channels is the only method to guarantee a valid, manufacturer-honored commercial warranty and access to authentic OEM consumables and replacement parts, ensuring a fully supported, turnkey solution that minimizes technical risk and protects the Government's investment.

b. For a brand name restriction - brand name specifications shall not be used unless the particular brand name, product, or feature is essential to the Government's requirements. Explain why the brand specified is the only brand that will meet the Government's needs.

The Stratasys brand-name specifications are essential to the Government's requirement because no other manufacturer provides the unique combination of proprietary printing technologies, material compatibility, and software ecosystem required to establish an organic, military-grade manufacturing capability at Fort Hood. Specifically, the Stratasys Origin Two utilizes proprietary Programmable Photopolymerization (P3) technology, which controls light, temperature, and force during curing to produce parts with isotropic strength, high-accuracy surface finishes, and the exact geometric tolerances necessary for functional end-use replacements. Simultaneously, the Stratasys F370CR features specialized Fused Deposition Modeling (FDM) print heads and hardened gantry components designed specifically to withstand the highly abrasive nature of carbon-fiber-reinforced thermoplastics (such as FDM Nylon-CF10) without rapid hardware degradation. Crucially, both printers operate natively on Stratasys' proprietary GrabCAD Print software ecosystem, which is already standardized across the Department of War's advanced manufacturing repositories. Procuring an alternate brand would prevent seamless integration with existing Army digital part vaults, requiring thousands of hours of manual file conversion and reverse-engineering, which would result in unacceptable mission delays and a significant duplication of costs.

c. Describe the detrimental effects/serious injury to the mission of the requiring activity or to the Government, financial or otherwise, that will result if this justification is not approved and the product or service cannot be provided by the intended sole source Contractor.

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If this justification is not approved and the Stratasys equipment cannot be acquired, the requiring activity at Fort Hood will experience severe operational and financial detriments that will directly degrade tactical readiness. Without this specific organic capability to manufacture high-strength composite and high-precision polymer replacement parts on demand, the unit must remain entirely dependent on heavily backlogged, traditional supply chains for hard-to-find or obsolete components, resulting in extended vehicle and equipment downtime (Non-Mission Capable status). Financially, procuring an alternative brand would force the Government to incur significant, wasteful duplicate costs to manually reverse-engineer, re-test, and re-verify existing digital part files to match a non-standard printer's specific tolerances. Additionally, the unit would lose the critical interoperability provided by standardizing on the Army-approved GrabCAD ecosystem, rendering existing digital part vaults useless for this cell. Ultimately, denying this brand-name request directly prevents the rapid, localized repair of critical defense assets, stalling the transition to modernized, self-sustaining logistics and actively hindering the unit's ability to support immediate mission requirements.

d. For FAR Part 16 orders below the SAT, the contracting officer must document the basis for using an exception to the fair opportunity process. If the contracting officer uses the logical follow-on exception, the rationale must describe why the relationship between the initial order and the follow-on is logical (e.g., in terms of scope, period of performance, or value).

Not Applicable. This procurement is being executed as an open-market, commercial purchase order utilizing the streamlined commercial procedures of RFO FAR Subpart 12.2. Consequently, the task-order fair opportunity rules under FAR Part 16 do not apply to this action. Because the market research conclusions do not support a small business set-aside and the "Rule of Two" has not been met, this requirement will be posted as an unrestricted commercial solicitation directly to the Governmentwide Point of Entry (SAM.gov) in accordance with RFO FAR 12.202. The Contracting Officer will restrict competition to the Stratasys brand name among all authorized resellers utilizing the simplified commercial procedures authorized under RFO FAR 12.201-1, and this finalized brand-name justification will be published alongside the solicitation to satisfy publicizing mandates.

e. For actions citing Authorized or Required by Statute, identify the statute, the statute must reference 10 U.S.C 3201(e) and it must identify the specific non-Federal Government entity involved, and the language the statute specifically states that the award to that entity is required by that statute.

Not Applicable. This commercial procurement does not cite, nor is it authorized or required by, any specific statute. No statutory authority referencing 10 U.S.C. 3201(e) (or its updated RFO equivalent) exists that mandates an award to a specific, designated non-Federal Government entity for this requirement. The sole authority relied upon to limit competition to the Stratasys Brand Name is the commercial market-

driven justification authorized under RFO FAR 12.102 and executed via the simplified commercial procedures of RFO FAR 12.201-1, which allows for a brand-name restriction when multiple authorized commercial resellers can actively compete to provide the required OEM equipment, software, and services.

7. Publicizing Contract Actions:

a. The public display and synopsis requirements of FAR 5.101(a) and FAR 5.101(d)
☐ do not apply, less than $20K threshold
☒ apply and will be followed
☐ do not apply due to an exception at FAR 5.101(b)(1)( )

b. Requirement to post justification in accordance with, FAR 12.102(a)(2), GSAM 538.7104-3(a)(3) or FAR 16.507-6(f) unless:
☐ Action is not a brand name restriction and is under SAT, no posting required.
☐ Action is a brand name restriction, under $40K, no posting required.
☐ Action is a brand name restriction over $40K but will not be posted due to the following exception:
☐ FAR 6.301(e)
☐ GSAM 538.7104-3(b)(3)(i)(B)
☐ FAR 16.507-6(f)(4)

8. Market Research: Market research for this commercial requirement was conducted and compiled between April 2026 and May 2026. In accordance with AFARS PGI 5110.090 and the commercial sourcing priorities of FAR 10.001(f), the Government sought to identify all qualified sources via a comprehensive review of commercial specifications, a Sources Sought notice on SAM.gov, and a Request for Information (RFI #RFI1816448) posted to GSA eBuy. Because this requirement utilizes a brand name specification, market research specifically analyzed alternative commercial 3D printing platforms and confirmed that other companies' products do not meet, and cannot be modified to meet, the agency's needs. Competing systems lack the proprietary Programmable Photopolymerization (P3) technology necessary for military-grade isotropic strength, the specialized FDM gantry architecture required to reliably extrude highly abrasive carbon-fiber thermoplastics, and the native ability to integrate with Stratasys' GrabCAD Print software, which is essential for interoperability with existing Army digital part vaults without incurring prohibitive reverse-engineering and manual file conversion costs. The SAM.gov and GSA eBuy postings yielded capability assessments from three interested and capable vendors: [redacted] the results demonstrate a healthy competitive environment among authorized resellers, supporting an unrestricted commercial solicitation strategy restricted to the Stratasys brand.

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9. Other Facts: This is a new, standalone commercial procurement of a turnkey advanced manufacturing capability, and therefore there is no prior contract or procurement history for these specific 3D printing systems at this location. Although this action does not represent a modification or logical follow-on to an active contract, establishing this organic capability aligns with broader Department of War and Department of the Army modernization priorities to decentralize manufacturing and reduce logistical lead times for critical repair parts. All market research data and technical specifications have been thoroughly vetted by the Advanced Manufacturing Officer and are free of restrictive non-essential parameters, ensuring that the brand-name limitation is based entirely on validated technical necessity. Because multiple authorized resellers have been identified as capable of competing under an unrestricted solicitation, this brand-name restriction represents the most efficient, cost-effective, and low-risk method for the Government to acquire a fully supported, mission-ready additive manufacturing capability at Fort Hood.

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

11. Contracting Officer Certification/Approval: I hereby determine that the anticipated cost or price to the Government for this contract action will be fair and reasonable based upon competitive price analysis of quotes received via SAM.gov.

I certify that this justification is accurate and complete to the best of my knowledge and belief, and that limiting competition to the Stratasys Brand Name under an unrestricted solicitation is in the best interest of the Government. Additionally, I approve this justification to restrict competition to the specified brand name under the commercial simplified procedures of RFO FAR 12.201-1(a), subject to the availability of FY26 O&M, Army (OMA) funds, and provided that the supplies and services herein described have otherwise been authorized for acquisition.