



[REDACTED]

Control Number: [REDACTED]

Justification Review Document
For Justification and Approval
for Other than Full and Open Competition - FAR Part 6

Program/Equipment: Technology Advancement and Retention Center (TARC)
Manufacturing Technology Application and Optimization.

Authority: Title 10 United States Code (U.S.C.) Section 3204(c)(1) as implemented in
Federal Acquisition Regulation (FAR) 6.302-1, Only One Responsible Source and No
Other Supplies or Services Will Satisfy Agency Requirements.

Amount: [REDACTED]

Prepared by:

Typed Name: [REDACTED]

DSN: [REDACTED]

Title: [REDACTED]

Date: 19 AUG 2022

E-mail: [REDACTED]

Contracting Officer:

Typed Name: [REDACTED]

DSN: [REDACTED]

E-Mail: [REDACTED]

Date: 25 AUG 2022

Technical Representative:

Typed Name: [REDACTED]

DSN: [REDACTED]

Title: [REDACTED]

Date: 6/28/2022

Requirements Representative:

Typed Name: [REDACTED]

DSN: [REDACTED]

Title: Chief, [REDACTED]

Date: 30 Jun 2022

[REDACTED]

[Redacted]

Control Number: [Redacted]

Reviews

I have reviewed this justification and find it adequate to support other than full and open competition.

Program Manager

Typed Name: [Redacted]

DSN: [Redacted]

Signature: [Redacted]

Date: 6/28/2022

Branch Chief

Typed Name: [Redacted]

DSN: [Redacted]

Signature: [Redacted]

Date: 31 August 2022

Division Chief

Typed Name: [Redacted]

DSN: [Redacted]

Signature: [Redacted]

Date: 13 Oct 2022

Legal Counsel:

Typed Name: [Redacted]

DSN: [Redacted]

Signature: [Redacted]

Date:

Associate Director:

Typed Name: [Redacted]

DSN: [Redacted]

Signature: [Redacted]

Date: 10 Nov 2022

[Redacted]

[REDACTED]

Control Number: [REDACTED]

Justification and Approval
for Other than Full and Open Competition – FAR Part 6

1. Contracting Activity: U.S. Army Contracting Command - New Jersey

2. Description of Action: ACC-NJ, on behalf of the Joint Program Executive Office for Armaments and Ammunition (JPEO A&A) seeks approval for a new Firm-Fixed Price (FFP) contract for Technology Advancement and Retention Center (TARC) Manufacturing Technology Application and Optimization. It is anticipated that [REDACTED] will be used to satisfy requirements.

3. Description of Supplies/Services: The U.S. Army has a need under the TARC Manufacturing Technology Application and Optimization project for the development, optimization, and transition of key manufacturing technologies and processes to support organic industrial base activities, including modernization of existing facilities and the establishment of new capabilities. This includes the optimization of a new manufacturing capability for novel materials, demonstration of modeling and simulation tools and other technology for optimization of industrial base activities, and the utilization of modern manufacturing technologies in key processes slated for near-term modernization. Optimization and demonstration of the technologies will provide significant benefit to the U.S. Army once transitioned and implemented in production facilities, including improved product and end-item quality, improved environmental compliance, improved process efficiency and safety, reduced waste. Specifically, the Government requires expertise in critical areas such [REDACTED]

[REDACTED] as outlined in the tasks below:

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Period of Performance: [REDACTED]
Estimated Value: [REDACTED]

4. Authority Cited: Title 10, United States Code (U.S.C.) Section 3204(c)(1) as implemented in Federal Acquisition Regulation (FAR) 6.302-1, "Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements."

[REDACTED]

[REDACTED]

Control Number: [REDACTED]

5. Reason for Authority Cited: As described at FAR 6.302-1(a)(2)(iii)(B), services may be deemed to be available only from the original source in the case of follow-on contracts for the continued provision of highly specialized services when it is likely that award to any other source would result in unacceptable delays in fulfilling the agency's requirements.

The proposed sole-source contractor, The New Jersey Institute of Technology (NJIT) has supported the DEVCOM Armaments Center and JPEO Armaments and Ammunition over the last 7 years in the development of industrial base technologies

[REDACTED]

NJIT has critical knowledge [REDACTED]

that are needed for the Government's requirements related to [REDACTED]. NJIT is the only contractor that has developed and commissioned a continuous process for [REDACTED] their facility is necessary to support [REDACTED]

[REDACTED] No other facility, including ones owned and/or operated by the Government, can immediately support the requirements without resulting in an estimated delay of at least 2.5 years, summarized below:

Activity	Delay
[REDACTED]	[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]	[REDACTED]
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The utilization of a [REDACTED]
[REDACTED]
[REDACTED]

[REDACTED] Without the existing capabilities of NJIT, the Government or a different contractor would be required to establish the process before any work could begin [REDACTED]. This would require the identification of suitable facility, the procurement of custom equipment, installation, and process commissioning. It is estimated that these activities would require [REDACTED] before the requirements outlined in the Performance Work Statement (PWS) could be executed.

In addition to the [REDACTED], NJIT possesses unique expertise in the areas of [REDACTED], including:

- [REDACTED]
[REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED]

[REDACTED]

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It is anticipated that it would take approximately [REDACTED] for either the Government or a different contractor to establish the required expertise in these areas. This would include lab-scale studies [REDACTED]

[REDACTED]

The Government's schedule for this effort is [REDACTED] A delay of [REDACTED] would represent a major setback for the effort and would result in missed integration and transition opportunities. [REDACTED]

[REDACTED] are required to support on-going Science & Technology (S&T) activities and near-term transition opportunities. Failure to complete this effort would result in missed opportunities to [REDACTED]

[REDACTED]

[REDACTED] under Project Director (PD) Joint Services.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] will prevent it from being transitioned into future design activities for consideration in [REDACTED]

[REDACTED]

Overall, [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

6. Efforts to Obtain Competition: The notices required by FAR 5.201 shall be published and any bids or proposals received shall be considered.

- a. Effective Competition: This is a sole source action; effective competition is not applicable.
- b. Subcontracting Competition: Subcontracting competition will be achieved by the prime contractor publicizing subcontracting opportunities, as appropriate, in accordance with FAR 5.206. To further support competitive subcontracting possibilities, the resultant contract will include FAR 52.244-5 "Competition in Subcontracting", FAR 52.219-8 "Utilization of Small Business Concerns", and FAR 52.219-9 "Small Business Subcontracting Plan (DoD Contracts)".

7. Actions to Increase Competition: Full and open competition is not practical at this time. There are no plans to compete the requirement for TARC Manufacturing Technology Application and Optimization in the future, as NJIT is the only source that

has the expertise and facilities required to execute the requirements. NJIT is a co-inventor on the aforementioned patents [REDACTED]

[REDACTED] Future competitive requirements will depend on if data received from this anticipated contract successfully evolves.

8. Market Research: [REDACTED]

[REDACTED]

9. Interested Sources: To date, no other sources have written to express an interest.

10. Other Facts:

a. Procurement History:

[REDACTED]

[Redacted]

Control Number: [Redacted]

b. Other Facts: N/A.

11. Technical 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.

Signature: [Redacted]

Date: 6/28/2022

Typed Name: [Redacted]

Title: [Redacted]

12. 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.

Signature: [Redacted]

Date: 30 Jun 2022

Typed Name: [Redacted]

Title: [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. The basis for this determination will be cost analysis, price analysis, and comparison to the independent Government Cost Estimate. IAW FAR 15.403-4, certified cost and pricing data is required and will be obtained.

Signature: [Redacted]

Date: 25 August 2022

Typed Name: [Redacted]

Title: [Redacted]

14. Contracting Officer Certification:

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

Signature: [Redacted]

Date: 25 August 2022

Typed Name: [Redacted]

Title: [Redacted]

[Redacted]

[Redacted]

Control Number: [Redacted]

Approval

Based on the foregoing justification, I hereby approve the procurement of Technology Advancement and Retention Center (TARC) Manufacturing Technology Application and Optimization on an other than full and open competition basis pursuant to the authority of Title 10 United States Code (U.S.C.) Section 3204(c)(1) as implemented in FAR 6.302-1, Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements. The total value of this procurement is [Redacted]. The approval is subject to availability of funds, and provided that the services and property herein described have otherwise been authorized for this acquisition.

[Redacted]

Date: 10 November 2022

[Redacted]

[Redacted]