NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER (GSFC)
LIMITED-SOURCES JUSTIFICATION
FOR 80GSFC26Q0005 SYSTEMS AND SOFTWARE ENGINEERING TOOLS 2 (SET 2)
BRIDGE CONTRACT

This is a Limited-Sources Justification (LSJ) prepared by the National Aeronautics and Space Administration (NASA) Goddard Space Flight Center (GSFC).

This acquisition will be conducted under the Multiple Awards Schedule (MAS) Program (Title 41 U.S.C. 152(3)). This action is for a Firm-Fixed-Price (FFP) and Time & Material (T&M) order to provide specialized system and software engineer support for mission-critical activities at the Katherine Johnson Independent Verification and Validation (IV&V) Facility on behalf of the NASA IV&V Program Office.

It is anticipated that an award will be made to TMC Technologies of West Virginia Corporation under General Services Administration (GSA) Federal Supply Schedule (FSS) 54151S - Information Technology Professional Services, contract number 47QTCA24D0055.

The total estimated price of the proposed order is for $7,625,157.37 and the estimated period of performance is 12 months, beginning June 1, 2026, after the expiration of the current SET 2 BPA on May 31, 2026.

Authority Cited: The statutory exception supporting the placement of this order that exceeds the SAT on a sole source basis is:

☐ FAR 8.401(b)/GSAM 538.7104-3(b)(i). The need is of such unusual urgency that following normal procedures would result in unacceptable delays in fulfilling the need.

☒ FAR 8.401(b)/GSAM 538-7104-3(b)(ii). Only one source is capable of providing the products, services, or solution required at the level of quality required because the products, services, or solutions are unique or highly specialized.

☐ FAR 8.401(b)/GSAM 538.7104-3(b)(iii). The order should be issued on a sole source basis in the interest of economy and efficiency because it is a logical follow-on to an FSS order already issued on a competitive basis.

☐ FAR 8.401(b)/GSAM 538.7104-3(b)(iv). It is necessary to place the order with a particular FSS contractor to satisfy a minimum guarantee established in the FSS BPA.

☐ FAR 8.401(b)/GSAM 538.7104-3(b)(v). A law expressly authorizes or requires that the purchase be made from a specified source. Identified law is:_____

☐ FAR 8.401(b)/GSAM 538.7104-4(b)(1), Items peculiar to one manufacturer. The particular brand name, product, or feature is essential to the NASA's requirements, and market

research indicates other companies' similar products, or products lacking the particular feature, do not meet, or cannot be modified to meet, the need.

Rationale:
In accordance with FAR 8.104(b)/GSAM 538.7104-3(b)(2), justifications must include sufficient detail and supporting rationale to support the exception used. The detail and supporting rationale to support the exception used is provide below:

FAR 8.401(b)/GSAM 538-7104-3(b)(ii), only one capable source/unique or highly specialized:

- Unique Qualifications: A LSJ for the SET 2 bridge order is issued under the authority cited above to maintain continuity of mission-critical system and software engineering support until the follow-on, ARRMS is competitively awarded. The current SET 2 BPA, which was competitively awarded, expires on May 31, 2026. The bridge order will have a similar scope of work to the SET 2 BPA. Given the firm start date of June 1, 2026, for the SET 2 bridge order, insufficient time remains to complete a competitive procurement before the current contract expires. TMC, the incumbent SET 2 contractor, is the only source capable of providing the required services for this bridge order.

  TMC currently supports all tasks under SET 2 BPA, many of which will continue under the bridge order. The following examples represent work that must continue under this bridge order:

  IV&V Program Mission-Critical Support:
  Specialty support for software and services essential to the IV&V program, including tools support, system administration, help desk services, training, and code analysis.

  Jon McBride Software Testing and Research Laboratory Development & Maintenance:
  Development, deployment, and maintenance of IV&V's JSTAR Laboratory [redacted]

  JPL Multi-Mission Ground System (MGSS) Technical Support:
  Technical support and software development services for the JPL MGSS, including:
  - Reviewing detailed code [redacted]
  - Comparing and advancing the functionality of software simulators
  - [redacted]
  - Providing software maintenance [redacted]

  JSTAR Laboratory Development & Maintenance:
  Support for the development and maintenance of the JSTAR Laboratory encompasses work on several of NASA's strategic and flagship projects, [redacted] These critical services — [redacted]

— directly contribute to cost and risk reductio [redacted]

IV&V Specialized Tools Enhancements & Support:
Enhancements and support for IV&V's specialized tools strengthen advancements aimed at improving software development efficiency and ensuring the safety and reliability of mission-critical systems. [redacted]

JPL Software Development & Maintenance Support:
Support for JPL's software development and maintenance projects [redacted] ncrease operational efficiency, and deliver meaningful technological advancements [redacted]

TMC maintains established infrastructure, a highly skilled workforce, and comprehensive knowledge of NASA IV&V systems, tools, and processes all essential for delivering uninterrupted services to customers. Awarding the bridge order to any source other than TMC would necessitate a significant transition period, resulting in disruption to mission-critical services, schedule delays, and increased quality assurance risks. Therefore, awarding the bridge order to TMC is necessary to ensure efficient service continuity and operational compatibility until the follow-on is in place.

- Exclusivity: With fewer than one month remaining before the SET 2 BPA expires, the abbreviated timeframe and complexity of required services, no other offerors are capable of assuming full order responsibility within this compressed period. Transitioning to a new contractor would require contractor transition activities that cannot be accomplished within the remaining timeframe and would introduce significant performance, cost, and schedule risks that could delay critical mission milestones.

  The Government notes that while market research for this SET 2 bridge order is limited due to these exigent circumstances, extensive market research was conducted in full accordance with FAR Part 10 requirements for the competitive follow-on. Those findings informed the Government's understanding of the current marketplace and support the determination that the incumbent contractor represents the only practicable solution for this short-term bridge order.

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LIMITED SOURCES
JUSTIFICATION
SIGNATURE PAGE

Technical Representative: I certify that the supporting data presented in this justification are accurate and complete.

Eric L. Sylvania Eric Sylvania Digitally signed by Eric Sylvania Date: 2026.04.08 17:24:15 -04'00'

Eric L. Sylvania
Technical Representative

Contracting Officer: I hereby certify that this justification is accurate and complete to the best of my knowledge and belief. In addition, I hereby determine that the anticipated price(s)/pricing of the order will be fair and reasonable.

Devona Jackson Digitally signed by Devona Jackson Date: 2026.04.16 16:01:35 -04'00'

Devona S. Jackson
Contracting Officer

APPROVAL:

Eric Newman Digitally signed by Eric Newman Date: 2026.05.06 16:38:11 -04'00'

Eric J. Newman
Competition Advocate
Goddard Space Flight Center