

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION (JOFOC)
(In accordance with Federal Acquisition Regulation (FAR) 6.3 – Other than Full and Open Competition)

1. This document is a justification for other than full and open competition prepared by National Aeronautics and Space Administration (NASA) Goddard Space Flight Center (GSFC):

The procuring agency is the National Aeronautics and Space Administration (NASA) and the contracting activity is NASA's Goddard Space Flight Center (GSFC), Greenbelt, MD.

2. The nature and/or description of the action being approved:

This justification provides the rationale for using other than full and open competition to award an extension to Contract NNG12CR29C with Stinger Ghaffarian Technologies, Inc. (SGT) for continued mechanical systems engineering and related multidiscipline services.

The current Mechanical Systems Engineering Services (MSES) II/A Bridge contract NNG12CR29C supports the Applied Engineering and Technology Directorate (AETD), Mechanical Systems Division (MSD) and Instrument Systems and Technology Division (ISTD) at GSFC, and is a 3-year, 4-month Cost Plus Fixed Fee (CPFF) Indefinite Delivery Indefinite Quantity (IDIQ) contract with an effective ordering period from June 1, 2012, through September 30, 2015.

Due to delays in completing the follow-on acquisition, entitled Mechanical Integrated Services and Technologies (MIST), GSFC proposes an extension of the bridge contract with an effective ordering period of 3 months beyond the current contract ordering period with three additional one-month option periods. The extension period will be from October 1, 2015 through December 31, 2015 with options through March 31, 2016.

Without the extension, new requirements cannot be added to existing task orders after September 30, 2015. In order to cover additional requirements until the transition to the MIST contract is complete, an extension of the current contract is necessary. The 3-month extension period is the minimum needed to complete the transition, with options available in the event of delays in the transition.

The bridge contract extension is necessary to ensure program continuity and critical mission support and to avoid significant technical impacts to GSFC's programs such as James Webb Space Telescope (JWST); Geostationary Operational Environmental Satellites (GOES); Tracking and Data Relay Satellite (TDRS); Ice, Cloud and land Elevation Satellite II/Advanced Topographic Laser Altimeter System (ICESat II/ATLAS); Exobiology on Mars/Mars Organic Molecule Analyzer (ExoMars/MOMA); Origins Spectral Interpretation Resource Identification Security Regolith Explorer Visible and IR Spectrometer (OSIRIS-REx/OVIRS); Neutron star Interior Composition Explorer (NICER); Pre-Aerosol, Clouds, and ocean Ecosystem (PACE); and Global Ecosystem Dynamics Investigation (GEDI). The mechanical systems engineering and instrument systems technology support in materials, structural analysis and loads, mechanical design, electromechanical design, thermal engineering, contamination and coatings, manufacturing, integration and test, optics, cryogenics, and detectors provided by the MSES II/A Bridge contract is integral to the success of GSFC's missions.

The MIST procurement presents the desired competitive opportunity for providing support currently available under the MSES II/A Bridge contract. The extension of the Bridge contract is needed to fill the relatively short gap until the MIST contract can be awarded and tasks transitioned to the new contract. No other engineering contract at GSFC has sufficient scope/ceiling to absorb the MSES II/A Bridge contract work for the 3 months that are estimated to be required for the extension. There are more than 140 active tasks on the MSES II/A Bridge contract. An interruption of the tasks with a new contractor, while the MIST competition is being completed, would greatly jeopardize the success of GSFC's implementation of critical and highly visible Agency programs.

3. Description of the supplies or services required, including an estimated value:

The scope of work of the existing contract requires the contractor to provide on/off-site mechanical systems engineering and related multidiscipline services, pursuant to task orders issued by the Contracting Officer (CO). The engineering areas of emphasis are multidisciplinary with concentration in the mechanical engineering areas of materials, structural analysis and loads, mechanical design, electromechanical design, thermal engineering, contamination control and coatings, and related services. These services shall include the personnel, facilities, and materials (unless otherwise provided by the Government) to accomplish the tasks.

There will be no changes to the services provided by SGT under the contract extension relative to the original bridge contract. The extension will add a potential period of 6 months to the contract performance period. The bridge contract extension will be structured as one 3-month basic period with three 1-month options. It is estimated that there will be no additional contract value for either the 3-month extension or any of the options. [TEXT DELETED]

4. Statutory authority permitting other than full and open competition:

The statutory authority permitting other than full and open completion is 10 U.S.C. 2304(c)(1), as implemented by Federal Acquisition Regulation (FAR) 6.302-1, "Only one responsible source and no other supplies or services will satisfy agency requirements".

5. A demonstration that the proposed contractor's unique qualifications or the nature of the acquisition requires use of the authority cited:

A sole source award is necessary due to the nature of the work to be performed under this contract. Additionally, the follow-on competitive procurement is in progress and near completion. SGT has the combined training, experience, and expertise to provide uninterrupted mission critical support to GSFC projects and programs. SGT, as the incumbent on the Bridge contract, is also uniquely positioned to provide this support without causing unacceptable delays. Attempts to procure these services from any other source would unquestionably create unacceptable delays. The required mission critical support provides planning, scheduling, configuration management, design, manufacture, integration, test, operation, and flight hardware development, among other services, to numerous GSFC programs, including flight programs that are currently under development or ongoing operations. These services are essential to ensure the success of the following critical events:

[TEXT DELETED]

Procuring these services from another source would result in significant unacceptable delays to NASA GSFC programs. Proposals for the follow-on MIST contract were received April 28, 2014, and contract award is expected to occur in late calendar year 2015. Procurement of these same services in parallel with the MIST procurement would be an ineffective use of government and contractor resources. The amount of time required to solicit and evaluate proposals, then transition personnel and tasks to a different source would far exceed the time it will take to award and transition to the MIST contract.

The effective ordering period of the MSES II/A Bridge contract ends September 30, 2015. The extension of the MSES II/A Bridge contract is required to provide critical support to Goddard's programs until the transition to the MIST contract is complete. Of particular note would be the resulting impact to the integration and test (I&T) activities of the JWST Optical Telescope Element (OTE) and ISIM. ISIM will begin its third and final cryogenic vacuum test in October 2015 with planned completion in February 2015. Following the test, ISIM will be integrated with the OTE and the combined OTIS system will be transported to the Johnson Space Center for critical testing of the flight instruments in mirrors under cryogenic vacuum conditions. Delays in these two elements of JWST would cost over [TEXT DELETED] and could jeopardize delivery of the entire JWST observatory within its Congressionally-mandated schedule. Monthly costs on JWST exceed [TEXT DELETED] per month. Another critical project that would be severely impacted if the contract were not extended is ICESat/ATLAS. ATLAS is currently in the middle of its integration and test program with delivery for integration with the ICESat spacecraft expected in July 2016. A delay in the ICESat schedule would cost over [TEXT DELETED] per month.

NASA is currently working to award a new competitive contract, MIST, which will require a transition period for a new management team, task awarding, and technical staffing. For the reasons described above, and because of the time involved in procuring and starting up another contract, SGT is the only contractor that can presently meet GSFC's continuing needs as well as NASA's obligations to other agencies and programs.

6. Description of the efforts made to ensure that offers are solicited from as many potential sources as practicable, including whether a notice was or will be publicized as required by Federal Acquisition Regulation (FAR) 5.2:

A notice to the NASA Acquisition Internet Service (NAIS) and Federal Business Opportunities (FedBizOpps) was published on September 9, 2015, in accordance with FAR Subpart 5.2. This posting informed potential sources of NASA GSFC's intent to award this sole-source modification to SGT, and provided potential sources with the opportunity to be considered based on their qualifications and capability statements due by September 24, 2015. The results of this synopsis are contained in Section 10 below.

7. A determination by the contracting officer that the anticipated cost to the Government will be fair and reasonable:

This extension is being issued at no increase in the maximum ordering value to the existing contract. The contracting officer verified the projected rates for the contract extension are consistent with the current

rates in the contract in accordance with FAR subpart 15.4, Contract Pricing, to ensure that the cost to the Government was fair and reasonable. The Contracting Officer's Representative and the Contracting Officer will review the contractor's task plans and estimates to determine that the direct labor rates, direct labor hours, skill mix, other direct costs, indirect costs, and fee(s) are fair and reasonable prior to each task being issued, as is the practice with the current contract.

8. Description of the market research conducted, and the results, or a statement of the reasons market research was not conducted:

A notice to Federal Business Opportunities (FedBizOpps) was published on September 9, 2015, to announce NASA's plans to award a sole source contract. The result of the synopsis will be included in paragraph 10. At this time, there is no other known company that has the ability to become familiar with the requirements of the MSES II/A Bridge contract and continue the operations for the duration of this contract without an unacceptable delay to mission critical support of 9 to 12 months. In order to acquire the requisite knowledge, substantial interactions with NASA GSFC's AETD, MSD, and ISTD would be necessary. Apart from the FedBizOpps notice, additional market research was not conducted for this action.

9. Other facts supporting the use of other than full and open competition:

N/A

10. Sources, if any, that expressed an interest, in writing, in the acquisition:

As stated above in Section 6, in accordance with the requirements of FAR Subpart 5.2, a notice of NASA GSFC's intent to award this sole-source action was synopsisized on the NAIS and FedBizOpps websites on September 9th, 2015. The synopsis notified all interested sources that this requirement will be issued on a sole-source basis and provided them an opportunity to submit their interest and capabilities to the Contracting Officer within 15 days of the synopsis publication. [TEXT DELETED]. No other responses were received during this synopsis period.

11. The actions the Agency may take to remove or overcome any barriers to competition before any subsequent acquisition for the supplies or services required:

There are no barriers to competition for these services at the end of this bridge contract extension. The Phase-In period to the MIST follow-on contract began on September 15th, 2015. The Phase-In period is for 60 days. The MIST contract start date is scheduled for November 14th, 2015.

JOFOC Signature Page for MSES II/A Bridge Contract Extension for NNG12CR29C

TECHNICAL DIRECTORATE: I certify that the facts presented in this justification are accurate and complete.

Suzanne R. Brown
Signature

9/29/15
Date

CONTRACTING OFFICER:
(APPROVAL) I certify that this justification is accurate and complete to the best of my knowledge and belief.

Dona D. Waukegan
Signature

9/29/15
Date