National Aeronautics and Space Administration
Ames Research Center
Moffett Field, CA 94035-0001

Limited Source Justification

Initiating Office:	NASA Ames Research Center Programs and Projects Directorate, Code P
Purchase Request No.:	Planning PR 4200415082
Procurement Title:	Contract NNA09DA04Z (Logyx, LLC) - Small Spacecraft Programs and Projects Support and Services, Increase of ceiling amount
Total Estimated Value:	FOIA Ex. 5
Authority:	*This acquisition is being conducted under the authority of the Multiple Award Schedule Program, per 8.405-6(a)(1)(i)(c). The new work is a logical follow-on to an original Federal Supply Schedule order; the original order was placed in accordance with the applicable Federal Supply Schedule ordering procedures, and had not been previously issued under sole source or limited source procedures.*

We recommend that the Government acquire the goods and/or services required by the procurement request noted above.

1. Description of Supplies/Services

This procurement is to increase the funding level for Contract Number NNA09DA04Z (Small Spacecraft Support and Services) from FOIA Ex. 5 to FOIA Ex. 5 and extend the contract's period of performance from 3/31/2012 to 3/31/2013. NASA/Ames Research Center (ARC) is performing project and program level work from the Lunar Atmosphere and Dust Environment Explorer (LADEE), and the mission is currently in a very critical stage of its development. LADEE is being accomplished over an accelerated development cycle to take advantage of innovative approaches and lower total mission cost. This mission requires technical expertise in various spacecraft subsystems, program and project management, systems engineering, scheduling, mission design, mission operations, and secure ground data system development and operation. Since LADEE is currently in execution, with a very aggressive schedule designed to meet agency objectives at very low cost, the support requirement provided under Contract NNA09DA04Z for near-term reviews and project milestones are critical and of vital importance to ARC.

2. Market Research, and Procurement History:

This GSA contract was awarded competitively in October 2008 with a FOIA Ex. 5 or 3-year limit placed on the contract. Based on the Center's emphasis on Small Spacecraft Projects and Programs, the contract reached its funding limit in well under two years. FOIA Ex. 5 were added to the funding limit in July 2010 to allow project and program level work for a variety of flight activities to continue through December 2010. An additional FOIA Ex. 5 were added to the funding limit in December 2010 to

allow for an extension of the LADEE support to continue through March 2012 until a larger and broader Project Engineering and Support Services (PESS) contract was competitively awarded. Due to the PESS contract being behind schedule and not yet in place, another extension of this GSA contract is being requested to support LADEE through March 2013.

This current restriction on further contract spending comes again at a critical time for the LADEE Project. Major project reviews are imminent with deliverables that must comply with NASA Headquarters imposed schedules. The current strategy is to raise the allowable contract funding level from FOIA Ex. 5 to FOIA Ex. 5 and extend its period of performance so that LADEE contract tasks can continue uninterrupted through March 2013. All non LADEE tasks on this contract will be end as of 12/31/11. Adding the additional FOIA Ex. 5 to the contract ceiling and extending the LADEE period of performance through March 2013 are especially important for the LADEE Project to avoid disruption of the essential technical support provided by this contract at a critical time. In addition, this will allow continuity for near-term tasks and provide sufficient time to plan for a seamless transition of the LADEE tasks to a new contract for engineering services. Between now and March 2013, it is anticipated that the PESS contract will be competitively awarded to begin in October 2012. It is anticipated that this contract will meet engineering requirements for major activities at the Center, including Small Spacecraft Projects and Programs.

Because of the critical nature of LADEE's pending milestones and payload reviews, it would not be advisable to competitively select a new contractor at this time. Pending reviews include the Payload Integration Review, the Pre-Environmental Review, and the Pre-Ship Reviews. Following the Key Decision Point-D (KDP-D), the LADEE team begins spacecraft integration activities on a very compressed schedule, leading up to science instrument integration and final environmental testing in May 2012. Transitioning to a new contract abruptly at this stage of the project could place many of LADEE's current tasks in serious jeopardy. Allowing LADEE to continue to meet near term milestones without disruption while planning for a transition to the new contract will minimize risk to the Center, maximize the probability of LADEE's success and, therefore, be in the best interest of the Government. For the reasons set forth above, it was determined not to conduct market research among other schedule holders for this requirement.

3. Unique Qualifications:

FAR 8.405-6(a)(1)(i)(c) states that circumstances which may justify restricting consideration include: "In the interest in economy and efficiency, the new work is a logical follow-on to an original Federal Supply Schedule order provided that the original order was placed in accordance with the applicable Federal Supply Schedule ordering procedures. The original order must not have been previously issued under sole source or limited source procedures."

The subject action here i.e., an extension to the performance period with an increase in value – constitutes "a logical follow-on to an original Federal Supply Schedule order." Further, the original order was "placed in accordance with the applicable Federal Supply Schedule ordering procedures" and was not "previously issued under sole source or limited source procedures." Thus, the regulatory requirement to limit competition, "in the interest of economy and efficiency," as specified herein is fully met.

Awarding a "follow-on" extension to the original order as provided herein is imperative, because an increase in the contract's ceiling limit and period of performance is needed to complete critical LADEE milestones and imminent project reviews of major importance to Center and Headquarters management. Continuing all LADEE contract tasks through March 2013 will allow continuity for near-term tasks and provide sufficient time to plan for a transition to a new contract. An abrupt transition to a new contract at this time, even if one were available, would not be in the best interest of the Government. LADEE has critical project deliverables and reviews occurring in the 2012 timeframe. These include the Payload

Integration Review (PIR) in May 2012, and the Pre-Environmental Review (PER) in August 2012. The spacecraft integration activities between KDP-D and the science instrument integration and final environmental testing are particularly sensitive to staffing and contractor changes. A contract transition for all of these activities needs to be deliberate and well planned. With the LADEE support tasks having critical, near-term milestones and reviews pending that are dependent on current contractor skills and expertise, a contract change at this time would place the LADEE project in serious jeopardy of having late or incomplete deliverables, poor reviews and possible project cancelation.

The increase in the ceiling amount by FOIA Ex. 5 and extension of the period of performance through March 2013 for the issuance of Firm-Fixed Price orders under this contract represents the best value to the Government. An award to any other source would result in substantial duplication of cost to the Government that is not expected to be recovered through competition and would cause unacceptable delays in fulfilling the Agency's requirements.

The current contract was competitively awarded by GSA in October 2008 with no subsequent awards to date.

4. Statement of the Actions take to Remove Barriers that led to the Restricted Consideration and Other Facts Supporting the Use of Other-Than Full-and-Open Competition:

It is anticipated that a new and larger engineering contract will be competitively awarded in October 2012 and that the LADEE tasks will transition to this new contract no later than March 2013. This action will ensure that there are no barriers to competition for future engineering support.

LIMITED SOURCES JUSTIFICATION

Requirement Initiator:

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

Butler Tobine — 12/16/2011

Signature — Date

Directorate Manager:

(Concurrence)

Dan Sutton — 12/16/11

Signature — Date

Contracting Officer:

(Determination)

I hereby determine that the order represents the best value to the Government, consistent with FAR 8.404(d), and will be fair and reasonable. I certify that this justification is accurate and complete to the best of my knowledge and belief.

M. Hernada — 12/19/11

Signature — Date

Procurement Officer:

(Concurrence)

Kelly G. Kopp — 12/19/11

Signature — Date

Ames Research Center Competition Advocate:

(Approval)

Based on the justification and certifications set forth above, I approve the limiting of sources pursuant to the authority of 8.405-6(a)(1)(i)(c)

[illegible] — 12.27.11

Signature — Date

cc: JAB:241-1 (after approval)