

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
NASA SHARED SERVICES CENTER**

LIMITED SOURCE JUSTIFICATION

I recommend that the NASA Shared Services Center (NSSC) negotiate with AGSI Systems, a Value Added Reseller (VAR) holding a General Services Administration (GSA) Federal Supply Schedule, to establish a Blanket Purchase Agreement (BPA) to procure Altium license products and associated support. The BPA will include a one year base period and two one year options (i.e., three years total). This action will be awarded against GSA Schedule Contract GS-35F-0622T.

The total estimated cost of the order is \$1,645,041.10. See the Independent Government Cost Estimate (IGCE) below:

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

This BPA will provide a vehicle to consolidate all new and recurring requirements for all NASA Centers beginning in the second quarter of fiscal year (FY) 15. The establishment of a BPA can offer an excellent option for NASA to conveniently and efficiently procure ongoing maintenance support at a reduced cost. Furthermore, an Altium consolidated BPA will also offer NASA the ability to negotiate improved discounts, satisfy new and recurring customer requirements, reduce NASA's administrative costs by eliminating repetitive acquisition efforts and greatly reduce procurement lead time, thus allowing the NSSC the ability to be more responsive to Agency needs. Furthermore, this BPA would enable all Centers to leverage their buying power to obtain advantageous pricing, while simultaneously allowing the Agency to centrally track and manage all Altium product purchases.

This recommendation is made pursuant to FAR 8.405-6((b)), Items Peculiar to One Manufacturer.

Alternative manufacturers are impractical for the following reasons:

1. Altium Designer software is proprietary to Altium. Approximately 250 engineers across seven centers (NASA Langley Research Center-LaRC, Marshall Space Flight Center-MSFC, Glenn Research Center-GRC, Goddard Space Flight Center-GSFC, Johnson Space Center-JSC, Kennedy Space Center-KSC, and Armstrong Space Flight Center-AFRC), as well as Jet Propulsion Laboratory-JPL currently utilize the Altium software products to create or simulate electrical and electronic designs and produce two dimensional circuit descriptions or software/firmware programs. In addition, ARC also wants to begin using Altium software products. Altium products are used in the support of NASA aeronautics, science, space technology and exploration, flight systems, engineering, and research projects/programs. Such projects/programs include Space Launch System (SLS), International Space Station (ISS), James Webb Space Telescope (JWST), Lunar Quest Program, Orion Multi-Purpose Crew Vehicle (MPCV) and the Advanced Exploration Systems (AES) projects. Altium software products are critical in ensuring that these and many other NASA projects/programs meet their mission and research objectives.
2. Although other comparable software is available that might satisfy NASA requirements, the Agency has invested extensively in Altium Designer Software when developing the projects/programs listed above over several years. Therefore, it would be cost prohibitive and would cause a major disruption of software availability and cause excessive delays to work production if the current software solution is replaced. The

high amount of risk and increased cost to completely replace Altium Designer Software (estimated to approximately \$975k) offsets the perceived benefits gained by considering alternative software solutions. Moreover, this estimate does not fully account for a replacement product that may also require customization, expanded functionality, and training to meet the current capabilities and Mission needs that the current NASA Altium implementation provides to the various Centers and projects/programs. As such, no other supplies or services will satisfy the agency's requirements.

3. Pursuant to FAR 8.002, NASA has previously leveraged GSA Schedule 70 as a means to satisfy requirements for the procurement of Altium software and associated maintenance. Based on the market research that was performed, AGSI Systems, is the only VAR capable of meeting the government requirements.

Pursuant to FAR 8.404(a), BPAs and orders placed against a *Multiple Award Schedule (MAS)* are considered to be issued using full and open competition. Therefore, when establishing a BPA or placing orders under Federal Supply Schedule contracts using the procedures of [8.405](#), ordering activities shall not seek competition outside of the Federal Supply Schedules or synopsize the requirement.

Pursuant to FAR 8.404(d), GSA has already determined the prices of supplies and fixed-price services, and rates for services offered at hourly rates, under schedule contracts to be fair and reasonable. Therefore, ordering activities are not required to make a separate determination of fair and reasonable pricing, except for a price evaluation as required by 8.405-2(d). Since this requirement does not include a Statement of Work, the price evaluation will include a review of the GSA price list, a comparison of the proposed price with the IGCE and historical contract data from previously awarded instruments.

The Contracting Officer conducted market research on GSA E-buy on 08 December 2014. Market research confirmed that Altium has only one VAR that is authorized by Altium to resell software licenses and associated support capable of meeting the government requirements. In accordance with FAR Subpart 8.002, Priorities for Use of Mandatory Sources, NASA will satisfy the priority of fulfilling these requirements by utilizing an existing GSA Supply Schedule contract that has already been competed and the prices determined to be fair and reasonable in lieu of soliciting on the open market.

The Agency will continue to examine the market in the future for alternative solutions before executing any subsequent contract action for the requirements herein. Due to the nature of the expressed requirement, there are no known actions which the Agency may take to give consideration to other manufacturers for the requirements described herein.

I hereby certify the facts in this justification and any supporting data used for this justification are accurate and complete to the best of my knowledge for Altium product and service offerings.

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I hereby certify that the above justification is complete and accurate to the best of my knowledge and belief. In addition, I hereby determine that the order represents the best value to the Government consistent with FAR 8.404(d)

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CONCURRENCE:

[Redacted signature block]

APPROVAL:

[Redacted signature block]