

JUSTIFICATION FOR SOLE SOURCE ACQUISITION  
VALUES \$3,001 - \$100,000  
RECOMMENDATION AND DETERMINATION TO SOLICIT FROM ONE  
SOURCE – PR 4200 \_\_\_\_\_

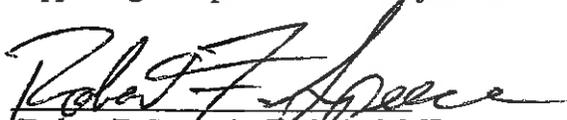
NASA, John F. Kennedy Space Center, will negotiate with Tektronix Inc. for Picture Quality Analyzer PQA600B System. The total estimated cost of this effort is \$50,000 and the estimated turnaround time is 6 – 8 weeks ARO.

Pursuant to FAR 13.106-1(b) and 13.106-3(b)(3)(i), the acquisition of referenced PQA600B System are determined to be available from only one source. Competition is impractical for the following reasons:

The Picture Quality Analyzer is used for the design, evaluation and test of the encoding, transcoding and decoding processes. This is a critical piece of equipment for the Advanced Imagery Lab. The Tektronix PQA500 recently failed and had been returned under extended warranty for service. This is the second failure of the unit in the past two years. The extended warranty has since expired. The manufacturer has stated they will no longer service this item. Tektronix has indicated warranty and extended warranty(3 years) in their PQA600B System quote, an option that is not available from other sources and since we are 'dealing with the factory' we are getting the best value for the Government.

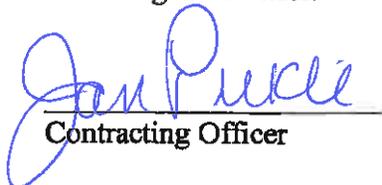
Market research was conducted in October of 2013 and no other vendor was found that could supply the necessary device system that contained the same picture quality analysis algorithm that is required for consistent end item results for Advanced Imagery Laboratory processing, further, Tektronix Inc. is the only source available for the PQA600B with the required options and factory support.

Based upon the above, I hereby determine that the circumstances of the contract action deem only one source reasonably available for this acquisition. I certify that the supporting data presented in this justification are accurate and complete.

  
(Robert F. Speece), Technical Officer

8-27-2014  
Date

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

  
Contracting Officer

8/27/14  
Date