



DEPARTMENT OF THE NAVY  
NAVSUP FLEET LOGISTICS CENTER NORFOLK  
PHILADELPHIA DETACHMENT  
700 ROBBINS AVENUE BUILDING 2B  
PHILADELPHIA PA 19111-5083

IN REPLY REFER TO

290.1Y

J&A #15-006

## JUSTIFICATION AND APPROVAL FOR USE OF SOLE SOURCE

**1. CONTRACTING ACTIVITY:** The requiring activity is the United States Naval Observatory (USNO). The contracting activity is the NAVSUP Fleet Logistics Center Norfolk, Philadelphia Detachment.

**2. DESCRIPTION OF THE ACTION BEING APPROVED:** This requirement is for the use of other than full and open competition to award a firm-fixed price (FFP) follow-on contract to FEI-Zyfer, Inc. to produce an enhanced CommSync II system in support of USNO mission critical directives to provide and maintain Precise Time and Time Interval services for the Department of Defense (DoD).

**3. DESCRIPTION OF SUPPLIES/SERVICES:** CommSync II is a fully redundant time and frequency system combining dual receivers, oscillators, and up to 13 output option modules in a single chassis. The manufacturer will produce a complete unit using a redesigned CommSynch II. These enhanced capabilities are necessary to meet DoD Chief Information Officer (CIO) mission requirements as described in paragraph (5) below.

FEI-Zyfer's unique redesign proposal of the self-contained, rack mounted unit providing additional signal inputs and increased signal handling represents a "unique and innovative concept" necessary to meet optimal mission requirements of USNO. This requirement will implement the redesign being performed on contract N00189-14-P-Z394.

The estimated dollar value of this requirement is \$647,000 and it will be funded by FY14 RDT&EN. The delivery is expected six months after date of award.

### **4. STATUTORY AUTHORITY PERMITTING USE OF OTHER THAN FULL AND OPEN COMPETITION:**

10 U.S.C. 2304(c)(1) as implemented by FAR 6.302-1 "Only one responsible source and no other supplies or services will satisfy agency requirements."

**5. RATIONALE JUSTIFYING USE OF CITED STATUTORY AUTHORITY:** In accordance with Joint Chiefs of Staff Instruction CJCSI 6130.01E, USNO is directed to supply the Master Clock for DoD at a level that meets or exceeds mission requirements and conduct relevant research to help ensure continued military superiority through advanced technology. USNO provides Positioning, Navigation and Timing (PNT) data and serves as the official source of time for DoD and a standard of time derived from the USNO Master Clock for the entire United States.

USNO's globally delivered data rely on complex signal generation, measurement, analysis, validation, and distribution infrastructure and are dependent on integrated systems control and sustainment to maintain high accuracy. USNO's mission requirement to provide and maintain the Master Clock requires the utilization of novel concepts to further its mission objectives. In accordance with FAR 6.302-1(a)(2)(i), FEI-Zyfer has already provided what is deemed a "unique and innovative" concept to provide the particular research services which substantially support the USNO's performance capabilities in carrying out its mission to maintain the Master Clock under contract N00189-14-P-Z394. Furthermore, in accordance with FAR 6.302-1(a)(2)(ii), FEI-Zyfer is the sole manufacturer and owner of proprietary

Source Selection Information – See FAR 2.101 and 3.104

equipment and data unique to CommSync II that is already in use at USNO. Therefore, FEI-Zyfer is the only manufacturer capable of performing the design and production effort required by USNO.

The performance increase resulting from the CommSync II redesign as described in paragraph (2) will increase the USNO's Master Clock program mission status from meeting given program thresholds to meeting program objectives as required to fully meet DoD CIO program goals.

In accordance with FAR 6.304(a)(1), the contracting officer will certify the justification and approval since the proposed contract does not exceed \$650,000.

**6. DESCRIPTION OF EFFORTS MADE TO SOLICIT OFFERS FROM AS MANY OFFERORS AS PRACTICABLE:** The proposed contract action was synopsisized on the Federal Business Opportunities website on 19 November 2014. The synopsis closed on 21 November 2014 and no other potential sources expressed an interest in the requirement.

**7. DETERMINATION OF FAIR AND REASONABLE COST:** The Contracting Officer has determined the anticipated cost to the Government of the supplies/services covered by this J&A will be fair and reasonable.

**8. ACTIONS TO REMOVE BARRIERS TO FUTURE COMPETITION:** For the reasons set forth in paragraph (5), the contracting activity has no plans at this time to compete future contacts for the types of supplies/services covered by this document. If another potential source emerges, the contracting activity will assess whether competition for future requirements is feasible.

**9. CONTRACTING POINT OF CONTACT:** The contracting activity point of contact is Ian Horwitz, who can be reached by phone at 215-697-5149 or by email at [ian.horwitz@navy.mil](mailto:ian.horwitz@navy.mil).

**CERTIFICATIONS AND APPROVAL**

**TECHNICAL/REQUIREMENTS CERTIFICATION**

I certify that the facts and representations under my cognizance which are included in this Justification and its supporting acquisition planning documents, except as noted herein, are complete and accurate to the best of my knowledge and belief.

**Technical Cognizance:**

WALLS.WARR EN.F.12881359 04	Digitally signed by WALLS.WARREN.F.1288135904 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USN, cn=WALLS.WARREN.F.1288135904 Date: 2014.12.16 20:17:47 -0500	<b>Warren F. Walls</b>	202-762-1587	12/16/2014
Signature	Name (Printed)	Phone No.	Date	

**Requirements Cognizance:**

WALLS.WARR EN.F.12881359 04	Digitally signed by WALLS.WARREN.F.1288135904 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USN, cn=WALLS.WARREN.F.1288135904 Date: 2014.12.16 20:16:05 -0500	<b>Warren F. Walls</b>	202-762-1587	12/16/2014
Signature	Name (Printed)	Phone No.	Date	

**LEGAL SUFFICIENCY REVIEW**

I have determined this Justification is legally sufficient.

<i>Roger M. Muller</i>	Digitally signed by BULLOCK.KENNETH.F.1229185957 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USN, cn=BULLOCK.KENNETH.F.12291859 57 Date: 2014.12.21 19:15:31 -0500	<b>K. Bullock</b>	215.697.9640	21 Dec 14
Signature	Name (Printed)	Phone No.	Date	

**CONTRACTING OFFICER CERTIFICATION**

I certify that this Justification is accurate and complete to the best of my knowledge and belief. To the extent that the J&A/LSJ value is between \$150K and \$650K, the Contracting Officer's signature below also represents approval of the J&A/LSJ.

BULLOCK.KEN NETH.F.12291 85957	Digitally signed by BULLOCK.KENNETH.F.1229185957 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USN, cn=BULLOCK.KENNETH.F.12291859 57 Date: 2014.12.21 19:15:31 -0500	<b>K. Bullock</b>	215.697.9640	21 Dec 14
Signature	Name (Printed)	Phone No.	Date	

**CONTRACTING ACTIVITY COMPETITION ADVOCATE REVIEW**

To the extent that the J&A/LSJ value is between \$650K and \$12.5M, the Competition Advocate's signature below also represents approval of the J&A/LSJ.

Signature	Name (Printed)	Phone No.	Date	
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