

REQUISITION NUMBER/PD: N0010412U0088,
N0010412U2497

FOLDER NUMBER: 11281-0012

Purpose and Justification:

The HVPS (High Voltage Power Supply) is part of the AN/SPQ-9B Radar which provides detection and rapid tracking capability against sea skimming missiles and surface tracking capability against small, fast maneuvering surface craft and low/slow flying helos. Currently the HVPS is getting very high visibility. The HVPS is falling short of its predicted MTBF, thus more failures than expected, and a steady increase in population is planned over the next several years. Currently there are 21 backorders. The following naval message was sent to the ships:

"DUE TO RELIABILITY CONCERNS AND LIMITED HVPS SPARES AVAILABILITY THE AN/SPQ-9B PROGRAM REQUESTS ALL SHIPS, UNLESS ABSOLUTELY TACTICALLY NECESSARY, OPERATE ON A SINGLE HVPS/TWT COMBINATION IN CHANNEL A (CHA) AND CHANNEL B (CHB) UNTIL FURTHER NOTICE. OPERATING ON A SINGLE HVPS/TWT REDUCES THE CHANNEL'S OUTPUT POWER BY 3DB, RETURNING THE RADAR TO THE OUTPUT POWER LEVEL OF THE DUAL MODE TRANSMITTER (DMT) VERSION OF THE RADAR. THIS WILL RESULT IN A SLIGHT DEGRADATION IN ANTI-SHIP CRUISE MISSILE (ASCM) TRACK RANGE. A 3DB REDUCTION IN TRANSMIT POWER EQUATES TO A FIRM TRACK RANGE REDUCTION OF 0.6NMI AGAINST A TYPICAL ASCM SIZE TARGET."

5. **DEMONSTRATION OF CONTRACTOR'S UNIQUE QUALIFICATIONS:** The current Repair Method Code (RMC/RMSC) is 2H or 2H N/A. This acquisition will be negotiated with: (21877)Northrop Grumman Systems Corp, (0R8S6)DB Control Only the above will be solicited because the articles to be repaired are highly specialized parts, designed and manufactured by a non-Government activity and the technical data required for repair from other than the above is not available.

6. **GOVERNMENTWIDE POINT OF ENTRY NOTICE/POTENTIAL SOURCES:** The proposed contract was/will be posted at the Government-wide Point of Entry.

7. **DETERMINATION OF FAIR AND REASONABLE COST:** The contracting officer determines that the anticipated cost to the Government will be fair and reasonable. In instances when certified cost and pricing data are required, an analysis of cost information will be performed which will consider field pricing reports, commerciality, procurement history and other available cost and pricing information in determining price reasonableness. Certified cost and pricing data will be obtained and used to ensure reasonableness, completeness and realism of proposed costs as required.

8. **DESCRIPTION OF MARKET SURVEY:** A technical review has been made to determine and identify all known sources.

9. **ANY OTHER SUPPORTING FACTS:** The articles to be repaired are complex and must meet operational and reliability requirements, the achievements of which requires unique production techniques and extensive and/or sophisticated testing, and the government has not yet acquired or developed the technical data. _____

10. **LISTING OF INTERESTED SOURCES:** The following sources have expressed, in writing, an interest in the acquisition.

Northrop Grumman Systems Corp (21877), DB Control (0R8S6)

11. **ACTIONS TO REMOVE BARRIERS TO COMPETITION:** This/these item(s) will be reviewed under the NAVSUP WSS replenishment parts program. Should it be determined the item(s) can be broken out, future acquisitions will be competitive.

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12. STATEMENT OF DELIVERY REQUIREMENTS:

(a) The required turn around time for repair of material is: 09/12

(b) Ship To: W62G2T

13. REFERENCE TO THE APPROVED ACQUISITION PLAN: An Acquisition Plan is not required for this acquisition.

14. DOCUMENTATION FOR SPARE/REPAIR PARTS ACQUISITIONS: The specifications for the above articles have been reviewed and reflect the minimum needs of the Government.

N0010412U0088,

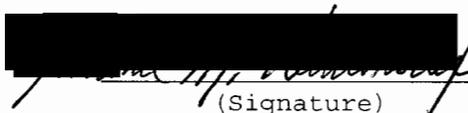
REQUISITION NUMBER/PD: N0010412U2497

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TECHNICAL AND REQUIREMENTS CERTIFICATION
REQUIRED BY FAR 6.302-2 (b)

I certify that the facts and representations under my cognizance which are included in this justification and which form a basis for this justification are complete and accurate.

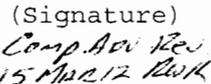
Technical Cognizance:

| | | | | | |
|--|---|---------------------------|----------|---|-----------|
|  |   | General Supply Specialist | 85342.4P |  | 15 Mar 12 |
| (Signature) | (Name & Title) | | (Code) | (Phone) | (Date) |

Requirements Cognizance

| | | | | | |
|---|---|--------------|----------|---|-----------|
|  |  | Item Manager | 85373.07 |  | 15 Mar 12 |
| (Signature) | (Name & Title) | | (Code) | (Phone) | (Date) |

COMPETITION ADVOCATE REVIEW AND CONCURRENCE

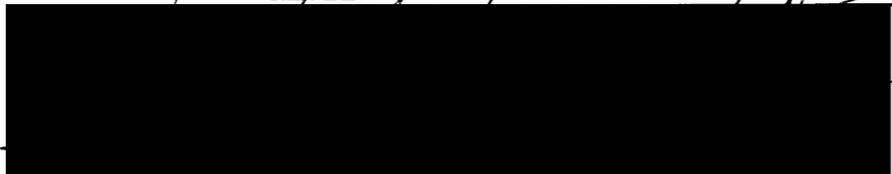
| | | | | | |
|---|----------------|--------|---------|--------|--|
|  | | | | | |
| (Signature) | (Name & Title) | (Code) | (Phone) | (Date) | |

*Comp. Adv. Rev
15 Mar 12 RWK*

CONTRACTING OFFICER'S CERTIFICATION REQUIRED BY FAR 6.303-2 (A) (12)

| | | | | | |
|-------------|----------------|--------|---------|--------|--|
| | | | | | |
| (Signature) | (Name & Title) | (Code) | (Phone) | (Date) | |

REVIEWED FOR LEGAL SUFFICIENCY BY COUNSEL: (Over \$650K)

| | | | |
|--|-------------|---|------------------|
|  | <i>None</i> |  | <i>16 Apr 12</i> |
| | (Code) | (Phone) | (Date) |

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N0010412U2497

FOLDER NUMBER: 11281-0012

TECHNICAL AND REQUIREMENTS CERTIFICATION
REQUIRED BY FAR 6.302-2(b)

I certify that the facts and representations under my cognizance which are included in this justification and which form a basis for this justification are complete and accurate.

Technical Cognizance:

| | | | | | |
|---|---|---------------------------|----------|---|-----------|
|  |   | General Supply Specialist | 85342.4P |  | 15 Mar 12 |
| (Signature) | (Name & Title) | | (Code) | (Phone) | (Date) |

Requirements Cognizance

| | | | | | |
|---|---|--------------|----------|---|-----------|
|  |  | Item Manager | 85973.07 |  | 15 Mar 12 |
| (Signature) | (Name & Title) | | (Code) | (Phone) | (Date) |

COMPETITION ADVOCATE REVIEW AND CONCURRENCE

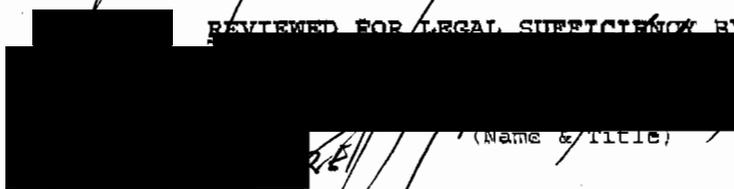
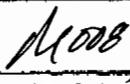
| | | | | | |
|--|--|--------|--|---------|---------|
|  |  | | | | 3/15/12 |
| (Signature) | | (Code) | | (Phone) | (Date) |

*Comp Adv Rev.
15 April 12 RAK*

CONTRACTING OFFICER'S CERTIFICATION REQUIRED BY FAR 6.303-2 (A) (12)

| | | | | |
|--|--|--------|---|---------|
|  | | 09124 |  | 4/11/12 |
| | | (Code) | (Phone) | (Date) |

REVIEWED FOR LEGAL SUFFICIENCY BY COUNSEL: (Over \$650K)

| | | | | |
|---|--|--------|---|---------------|
|  |  | |  | 16 April 2012 |
| | (Name & Title) | (Code) | (Phone) | (Date) |

N0010412U0088,
REQUISITION NUMBER/PD: N0010412U2497 FOLDER NUMBER: 11281-0012

APPROVAL REQUIRED BY FAR 6.304

(Signature) (Name & Title) (Code) (Phone) (Date)

APPROVAL: (Over \$650K)

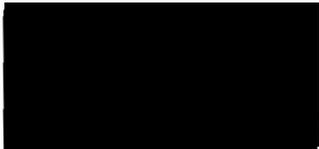
Contracting Officer: Up to \$650,000
Competition Advocate: \$650,001 to \$12,500,000
HCA: \$12,500,001 to \$88,500,000
ASN(RD&A): over \$88,500,000

Repair C1 J&A
Revised

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APPROVAL REQUIRED BY FAR 6.304



5/1/12

(Name & Title)

(Code)

(Phone)

(Date)

APPROVAL: (Over \$650K)

Contracting Officer: Up to \$650,000

Competition Advocate: \$650,001 to \$12,500,000

HCA: \$12,500,001 to \$88,500,000

ASN(RD&A): over \$88,500,000