REQUEST FOR QUOTATION
(THIS IS NOT AN ORDER)

THIS RFQ [ ] IS [X] IS NOT A SMALL BUSINESS SET-ASIDE

PAGE 1 OF PAGES 10

1. REQUEST NO. N00253-04-Q-0090
2. DATE ISSUED 04 FEB 18
3. REQUISITION/PURCHASE REQUEST NO. 22100 40221829
4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1
RATING DO-C9E

5a. ISSUED BY
SUPPLY OFFICER (CODE 182)
NAVAL UNDERSEA WARFARE CTR, DK

6. DELIVER BY *(Date)* 04 MAY 14

7. DELIVERY [X] FOB DESTINATION [ ] OTHER *(See Schedule)*

5b. FOR INFORMATION CALL *(NO COLLECT CALLS)*
NAME
610 DOWELL ST
KEYPORT, WA 98345-7610
HELEN ELY

TELEPHONE NUMBER
AREA CODE 360 NUMBER 315-3171
FAX: 360 396-7036

9. DESTINATION N00253
a. NAME OF CONSIGNEE
BUILDING 893
SUPPLY OFFICER
NAVAL UNDERSEA WARFARE CTR, DK
b. STREET ADDRESS
610 DOWELL ST
c. CITY
KEYPORT
d. STATE WA
e. ZIP CODE 98345-7610

8. TO:
a. NAME
b. COMPANY
c. STREET ADDRESS
d. CITY
e. STATE
f. ZIP CODE

10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5A ON OR BEFORE CLOSE OF BUSINESS *(Date)* 04 MAR 01

IMPORTANT: This is a request for information and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5A. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.

11. SCHEDULE *(Include applicable Federal, State and local taxes)*

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
0001	REQN. NO. 22100 /40221829 ITEM NAME: VME ADC BOARD CIRCUIT CARD ASSEMBLY VME ADC BOARD, 32 CHANNEL, 16 BIT, 19.2 MS/SEC. PER ATTACHED SPECIFICATIONS.	3	EA		

12. DISCOUNT FOR PROMPT PAYMENT
a. 10 CALENDAR DAYS (%)
b. 20 CALENDAR DAYS (%)
c. 30 CALENDAR DAYS (%)
d. CALENDAR DAYS NUMBER PERCENTAGE

NOTE: Additional provisions and representations [ ] are [ ] are not attached

13. NAME AND ADDRESS OF QUOTER
a. NAME OF QUOTER
b. STREET ADDRESS
c. COUNTY
d. CITY
e. STATE
f. ZIP CODE

14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION

15. DATE OF QUOTATION

16. SIGNER
a. NAME *(Type or print)*
b. TELEPHONE AREA CODE NUMBER
c. TITLE *(Type or print)*

VENDOR:

SECTION C DESCRIPTION/SPECIFICATIONS

FAR 52.204-6 DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER OCT 2003

SECTION F TIME OF DELIVERY

DELIVERIES SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS

ITEM	QUANTITY	DELIVERY REQUIRED
0001	3 EA	04-MAY-14

SECTION L INSTRUCTIONS AND CONDITIONS

SUP 5252.213-9401 NOTICE TO PROSPECTIVE SUPPLIERS APR 1997

(A) THIS PROCUREMENT IS SUBJECT TO THE NAVY'S RED/YELLOW/GREEN (RYG) PROGRAM. RYG IS AUTHORIZED BY THE ASSISTANT SECRETARY OF THE NAVY (RESEARCH, DEVELOPMENT, AND ACQUISITION) FOR USE IN THE ACQUISITION OF SUPPLIES AND SERVICES USED TO BUILD, MAINTAIN AND OPERATE THE FLEET.

(B) THE GOVERNMENT RESERVES THE RIGHT TO AWARD TO THE SUPPLIER WHOSE QUOTE REPRESENTS THE BEST VALUE TO THE GOVERNMENT. AS, SUCH, THE BASIS FOR AWARD WILL INCLUDE AN EVALUATION OF EACH SUPPLIER'S PAST PERFORMANCE HISTORY FOR THE FEDERAL SUPPLY CLASS(ES) OR SERVICE CODES(S) (FSCs) OF THE SUPPLIES AND SERVICES BEING PURCHASED. THE PRICE TO BE CONSIDERED IN DETERMINING BEST VALUE WILL BE THE EVALUATED PRICE AFTER APPLICATION OF TECHNICAL EVALUATION ADJUSTUMENTS (TEAS).

(C) THE PROCEDURES DESCRIBED IN THE CLAUSE ENTITLED, "ADDITIONAL EVALUATION FACTOR FOR CONSIDERATION OF PAST PERFORMANCE - NAVY RED/YELLOW/GREEN PROGRAM (APR 1997)", WILL BE USED TO ASSIST IN DETERMINING BEST VALUE FOR THE GOVERNMENT.

SUP 5252.213-9402
ADDITIONAL EVALUATION FACTOR FOR CONSIDERATION OF PAST PERFORMANCE - NAVY RED/YELLOW/GREEN PROGRAM APR 1997

(A) THIS PROCUREMENT IS SUBJECT TO THE NAVY'S RED/YELLOW/GREEN (RYG) PROGRAM, AUTHORIZED BY THE ASSISTANT SECRETARY OF THE NAVY (RESEARCH, DEVELOPMENT AND ACQUISITION) FOR USE BY PARTICIPATING ACTIVITIES DURING THE ACQUISITION OF SUPPLIES AND SERVICES USED TO BUILD, MAINTAIN, AND OPERATE THE FLEET.

(B) THE PURPOSE OF RYG IS TO ASSIST CONTRACTING PERSONNEL DURING SOURCE SELECTION TO DETERMINE THE BEST VALUE FOR THE GOVERNMENT. THE PROGRAM USES ACCUMULATED SUPPLIER BEST PERFORMANCE DATA TO CLASSIFY EACH

VENDOR:

SECTION L INSTRUCTIONS AND CONDITIONS

SUPPLIER'S PERFORMANCE BY FEDERAL SUPPLY CLASS(ES) OR SERVICE CODE(S) (FSCs) AS EITHER RED (HIGH RISK), YELLOW (MODERATE RISK), GREEN (LOW RISK) OR NEUTRAL (NO RISK ESTABLISHED).

(C) TO ASSIST IN SOURCE SELECTION, A MONETARY ASSESSMENT IN THE FORM OF A TECHNICAL EVALUATION ADJUSTMENT (TEA) IS ADDED TO EACH SUPPLIER'S QUOTE HAVING A RED OR YELLOW CLASSIFICATION FOR THE FSC INVOLVED. THE DOLLAR AMOUNT OF THE RED OR YELLOW TEA ASSESSMENT IS BASED ON THE COST TO THE GOVERNMENT OF EFFECTING ADDITIONAL ACTIONS REQUIRED TO ASSURE PERFORMANCE BY A SUPPLIER WITH AN UNSATISFACTORY PERFORMANCE HISTORY FOR THE FSC(s) INVOLVED. NO TEA IS ASSESSED FOR A SUPPLIER HAVING EITHER A GREEN OR NEUTRAL FSC RYG CLASSIFICATION. FOR PURPOSES OF THE RYG PROGRAM, A NEUTRAL CLASSIFICATION IS ASSIGNED TO SUPPLIERS WHO ARE FIRST TIME QUOTERS TO THE GOVERNMENT FOR THE FSC(s) INVOLVED, SUPPLIERS OTHERWISE HAVING NO PEFORMANCE DATA IN THE RYG DATABASE FOR THE FSC(s) INVOLVED, AND SUPPLIERS WHOSE PAST PERFORMANCE DATA IN THE RYG DATABASE FOR THE FSC(s) INVOLVED ARE OVER THREE YEARS OLD. AFTER CONSIDERATION OF ANY OTHER PERTINENT, PRICE-RELATED FACTORS (E.G., TRANSPORTATION CHARGES, FIRST ARTICLE TESTING, DISCOUNT TERMS), THE ADJUSTED PRICE BECOMES THE BASIS FOR DETERMINING AWARD. A SUPPLIER'S RYG CLASSIFICATION MAY CHANGE OVER TIME AS NEW OR REVISED PERFORMANCE DATA BECOMES AVAILABLE.

(D) RYG CLASSIFICATIONS ARE SUMMARIZED AS FOLLOWS:

(1) GREEN IS LOW RISK. NO PERFORMANCE ASSURANCE ACTIONS ARE CONSIDERED NECESSARY. NO TEA WILL BE ASSESSED.

(2) YELLOW IS MODERATE RISK. ADDITIONAL PERFORMANCE ASSURANCE ACTIONS ARE CONSIDERED NECESSARY. A TEA WILL BE APPLIED TO THE PROSPECTIVE SUPPLIER'S PRICE TO REFLECT THE GOVERNMENT'S ESTIMATED ADDITIONAL COSTS.

(3) RED IS HIGH RISK. SIGNIFICANT ADDITIONAL PERFORMANCE ASSURANCE REQUIREMENTS ARE CONSIDERED NECESSARY. A TEA WILL BE APPLIED TO THE PROSPECTIVE SUPPLIER'S PRICE TO REFLECT THE GOVERNMENT'S ESTIMATED ADDITIONAL COSTS.

(4) NEUTRAL IS NO RISK ESTABLISHED. NO TEA IS ASSESSED; NEVERTHELESS, ADDITIONAL PERFORMANCE ASSURANCE REQUIREMENTS MAY BE CONSIDERED NECESSARY TO ASSURE QUALITY AND ON-TIME DELIVERY.

(E) RYG CLASSIFICATRIONS FOR ALL APPLICABLE FSCs ARE ESTABLISHED MONTHLY FOR EACH SUPPLIER AND PROVIDED TO THEM. SUPPLIERS MAY ADDRESS QUESTIONS ABOUT THEIR FSC RYG CLASSIFICATIONS TO THE NAVAL SEA SYSTEMS COMMAND DETACHMENT, NAVAL MATERIAL QUALITY ASSESSMENT OFFICE (NMQAO), FEDERAL BUILDING, ROOM 400, 80 DANIEL STREET, PORTSMOUTH, NH 03801-3884, TELEPHONE (603)431-9460, EXT 464. SUPPLIERS MAY ALSO ASSESS THEIR INDIVIDUAL FSC RYG CLASSIFICATIONS THORUGH THE AUTOMATED VENDOR ACCESS PROGRAM. TO OBTAIN AUTOMATED ACCESS, WRITTEN REQUESTS MUST BE SUBMITTED ON COMPANY LETTERHEAD TO NMQAO AT THE ADDRESS ABOVE. THE REQUEST MUST INCLUDE THE REQUESTOR'S NAME, TITLE,

VENDOR:

SECTION L INSTRUCTIONS AND CONDITIONS

COMPANY NAME, ADDRESS, TELEPHONE NUMBER AND CONTRACTOR AND GOVERNMENT ENTITY (CAGE) CODE. THE CAGE CODE IS MANDATORY. IN RESPONSE, NMQAO WILL PROVIDE EACH SUPPLIER, WITHOUT CHARGE, WITH AN INDIVIDUAL PASSWORD, ALL REQUIRED SOFTWARE, AND INFORMATION ON ACCESSING ITS INDIVIDUAL DATA. ADDITIONAL INFORMATION ON THE AUTOMATED VENDOR ACCESS PROGRAM IS AVAILABLE BY CALLING (603)431-9460, EXT 464.

INSPECTION AND ACCEPTANCE SHALL BE MADE AT DESTINATION BY A REPRESENTATIVE OF THE GOVERNMENT.

FAR 52.213-4 TERMS AND CONDITIONS - SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) JAN 2004

(a) THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING FEDERAL ACQUISITION REGULATION (FAR) CLAUSES THAT ARE INCORPORATED BY REFERENCE:

(1) THE CLAUSES LISTED BELOW IMPLEMENT PROVISIONS OF LAW OR EXECUTIVE ORDER.
(i) 52.222-3, CONVICT LABOR (JUN 2003) (E.0. 11755)
(ii) 52.222-21, PROHIBIITON OF SEGREGATED FACILITIES (FEB 1999) (E.O. 11246).
(iii) 52.222-26, EQUAL OPPORTUNITY (APR 2002) (E.O. 11246)
(iv) 52.225-13, RESTRICITONS ON CERTAIN FOREIGN PURCHASES (JUL 2003) (E.O.'S 12722, 12724, 13059, 13067, 13121, AND 13129)
(v) 52.233-3 PROTEST AFTER AWARD (AUG 1996) (31 U.S.C.3553)
(2) LISTED BELOW ARE ADDITIONAL CLAUSES THAT APPLY:
(i) 52.232-1, PAYMENTS (APR 1984)
(ii) 52.232-8, DISCOUNTS FOR PROMPT PAYMENT (FEB 2002)
(iii) 52.532-11, EXTRAS (APR 1984)
(iv) 52.232-25, PROMPT PAYMENT (FEB 2002)
(v) 52.233-1 DISPUTES (JUL 2002)
(vi) 52.244-6, SUBCONTRACTS FOR COMMERCIAL ITEMS (APR 2003)
(vii) 52.253-1, COMPUTER GENERATED FORMS (JAN 1991)

(b) THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING FAR CLAUSES, INCORPORATED BY REFERENCE, UNLESS THE CIRCUMSTANCES DO NOT APPLY:
(1) THE CLAUSES LISTED BELOW IMPLEMENT PROVISIONS OF LAW OR EXCUTIVE ORDER:
(i) 52.222-19, CHILD LABOR - COOPERATION WITH AUTHORITIES AND REMEDIES (JAN 2004) (E.O. 13126). (APPLIES TO CONTRACTS FOR SUPPLIES EXCEEDING THE MICRO-PURCHASE THRESHOLD.)
(ii) 52.222-20, WALSH-HEALEY PUBLIC CONTRACTS ACT (DEC 1996) (41 U.S.C. 35-45) (APPLIES TO SUPPLY CONTRACTS OVER $10,000 IN THE UNITED STATES, PUERTO RICO, OR THE U.S. VIRGIN ISLANDS.)
(iii) 52.222-35, EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001) (38 U.S.C. 4212) APPLIES TO CONTRACTS OF $25,000 OR MORE.
(iv) 52.222-36, AFFIRMATIVE ACTION FOR WORKERS WITH DISABLITIES (JUNE 1998) (29 U.S.C. 793) (APPLIES TO CONTRACTS OVER $10,000, UNLESS THE WORK IS TO BE PERFORMED OUTSIDE THE

VENDOR:

UNITED STATES BY EMPLOYEES RECRUITED OUTSIDE THE UNITED STATES.) (FOR PURPOSES OF THIS CLAUSE, UNITED STATES INCLUDES THE 50 STATES, THE DISTRICT OF COLUMBIA, PUERTO RICO, THE NORTHERN MARIANA ISLANDS, AMERICAN SAMOA, GUAM, THE U.S. VIRGIN ISLANDS, AND WAKE ISLAND.

(v) 52.222-37, EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001)(38USC 4212) APPLIES TO CONTRACTS OF $25,000 OR MORE).

(vi) 52.222-41, SERVICE CONTRACT ACT OF 1965, AS AMENDED (MAY 1989)(41U.S.C. 351, et seq.) (APPLIES TO SERVICE CONTRACTS OVER $2,500 THAT ARE SUBJECT TO THE SERVICE CONTRACT ACT AND WILL BE PERFORMED IN THE UNITED STATES, DISTRICT OF COLUMBIA, PUERTO RICO, THE NORTHERN MARIANA ISLANDS, AMERICAN SAMOA, GUAM, THE U.S. VIRGIN ISLANS, JOHNSTON ISLAND, WAKE ISLAND, OR OTHER CONTINENTAL SHELF LANDS).

(vii) POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION (AUG 2003) (E.O. 13148) (APPLIES TO SERVICES PERFORMED ON FEDERAL FACILITIES).

(viii) 52.225-1, BUY AMERICAN ACT-SUPPLIES (JUNE 2003) (41 U.S.C. 10a-10d)(APPLIES TO CONTRACTS FOR SUPPLIES AND TO CONTRACTS FOR SERVICES INVOLVING THE FURNISHING OF SUPPLIES, FOR USE WITHIN THE UNITED STATES OR ITS OUTLYING AREAS, IF THE VALUE OF THE SUPPLY CONTRACT OR SUPPLY PORTION OF A SERVICE CONTRACT EXECEEDS THE MICRO-PURCHASE THRESHOLD AND THE ACQUISITION -

(A) IS SET ASIDE FOR SMALL BUSINESS CONCERNS; OR

(B) CANNOT BE SET ASIDE FOR SMALL BUSINESS CONCERNS (SEE 19.502-2), AND DOES NOT EXCEED $25,000).

(ix) 52.232-33, PAYMENT BY ELECTRONIC FUNDS TRANSFER-CENTRAL CONTRACTOR REGISTRATION (OCT 2003), (APPLIES WHEN THE PAYMENT WILL BE MADE BY ELECTRONIC FUNDS TRANSFER (EFT) AND THE PAYMENT OFFICE USES THE CENTRAL CONTRACTOR REGISTRATION (CCR) DATABASE AS ITS SOURCE OF EFT INFORMATION.)

(x) 52.232-34, PAYMENT BY ELECTRONIC FUNDS TRANSFER -OTHER THAN CENTRAL CONTRACTOR REGISTRATION (MAY 1999)(APPLIES WHEN THE PAYMENT WILL BE MADE BY EFT AND THE PAYMENT OFFICE DOES NOT USE THE CCR DATABASE AS IT SOURCE OF EFT INFORMATION.

(xi) 52.247-64, PREFERENCE FOR PRIVATELY OWNED U.S. FLAG COMMERCIAL VESSELS (APR 2003)(46 U.S.C. APPX 1241). (APPLIES TO SUPPLIES TRANSPORTED BY OCEAN VESSELS (EXCEPT FOR THE TYPES OF SUBCONTRACTS LISTED AT 47.504(d).)

(2) LISTED BELOW ARE ADDITIONAL CLAUSES THAT MAY APPLY:

(i) 52.209-6, PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (JULY 1995) (APPLIES TO CONTRACTS OVER $25,000).

(ii) 52.211-17, DELIVERY OF EXPRESS QUANTITIES (SEPT 1989) APPLIES TO FIXED PRICE SUPPLIES).

(iii) 52.247-29, F.o.b. ORIGIN (JUNE 1988)(APPLIES TO SUPPLIES IF DELIVERY IS f.o.b. ORIGIN).

(iv) 52.247-34, F.o.b. DESTINATION (NOV 1991)(APPLIES TO SUPPLIES IF DELIVERY IS f.o.b. DESTINATION.)

(c) FAR 52.252-2, CLAUSES INCORPORATED BY REFERENCE (FEB 1998) THIS CONTACT INCORPORATES ONE OR MORE CLAUSES BY REFERENCE, WITH THE SAME FORCE AND EFFECT AS IF THEY WERE GIVEN IN FULL TEXT. UPON REQUEST, THE CONTRACTING OFFICER WILL MAKE THEIR FULL TEXT AVAILABLE. ALSO, THE FULL TEXT OF A CLAUSE MAYBE ACCESSED ELECTRONICALLY AT THESE ADDRESSES:

FAR: http://www.arnet.gov/far/
DFAR: http://www.acq.osd.mil/dp/dfars.html
NAPS: http://www.abm.rda.hq.navy/mil/naps

VENDOR:

(d) INSPECTION/ACCEPTANCE. THE CONTRACTOR SHALL TENDER FOR ACCEPTANCE ONLY THOSE ITEMS THAT CONFORM TO THE REQUIREMENTS OF THIS CONTRACT. THE GOVERNMENT RESERVES THE RIGHT TO INSPECT OR TEST ANY SUPPLIES OR SERVICES THAT HAVE BEEN TENDERED FOR ACCEPTANCE. THE GOVERNMENT MAY REQUIRE REPAIR OR REPLACEMENT OF NONCONFORMING SUPPLIES OR REPERFORMANCE OF NONCONFORMING SERVICES AT NO INCREASE IN CONTRACT PRICE. THE GOVERNMENT MUST EXERCISE ITS POSTACCEPTANCE RIGHTS-

(1) WITHIN A REASONABLE PERIOD OF TIME AFTER THE DEFECT WAS DISCOVERED OR SHOULD HAVE BEEN DISCOVERED; AND

(2) BEFORE ANY SUBSTANTIAL CHANGE OCCURES IN THE CONDITION OF THE ITEM, UNLESS THE CHANGE IS DUE TO THE DEFECT IN THE ITEM.

(e) EXCUSABLE DELAYS. THE CONTRACTOR SHALL BE LIABLE FOR DEFAULT UNLESS NONPERFORMANCE IS CAUSED BY AN OCCURRENCE BEYOND THE REASONABLE CONTROL OF THE CONTRACTOR AND WITHOUT ITS FAULT OR NEGLIGENCE, SUCH AS ACTS OF GOD OR THE PUBLIC ENEMY, ACTS OF THE GOVERNMENT IN EITHER ITS SOVEREIGN OR CONTRACTUAL CAPACITY, FIRES, FLOODS, EPIDEMICS, QUARANTINE RESTRICTIONS, STRIKES, UNUSUALLY SEVERE WEATHER, AND DELAYS OF COMMON CARRIERS. THE CONTRACTOR SHALL NOTIFY THE CONTRACTING OFFICER IN WRITING AS SOON AS IT IS REASONABLY POSSIBLE AFTER THE COMMENCEMENT OF ANY EXCUSABLE DELAY, SETTING FORTH THE FULL PARTICULARS IN CONNECTION THEREWITH, SHALL REMEDY SUCH OCCURRENCE WITH ALL REASONABLE DEPATCH, AND SHALL PROMPLTY GIVE WRITTEN NOTICE TO THE CONTRACTING OFFICER OF THE CESSATION OF SUCH OCCURRENCE.

(f) TERMINATION FOR THE GOVERNMENT'S CONVENIENCE. THE GOVERNMENT RESERVES THE RIGHT TO TERMINATE THIS CONTRTACT, OR ANY PART HEREOF, FOR ITS SOLE CONVENIENCE. IN THE EVENT OF SUCH TERMINATION, THE CONTRACTOR SHALL IMMEDIATELY STOP ALL WORK HEREUNDER AND SHALL IMMEDIATELY CAUSE ANY AND ALL OF ITS SUPPLIERS TO CEASE WORK. SUBJECT TO THE TERMS OF THIS CONTRACT, THE CONTRACTOR SHALL BE PAID A PERCENTAGE OF THE CONTRACT PRICE REFLECTING THE PERCENTAGE OF THE WORK PERFORMED PRIOR TO THE NOTICE OF TERMINATION, PLUS REASONABLE CHARGES THAT THE CONTRACTOR CAN DEMONSTRATE TO THE STATISFACTION OF THE GOVERNMENT, USING ITS STANDARD RECORD KEEPING SYSTEM, HAVE RESULTED FROM THE TERMINATION. THE CONTRACTOR SHALL NOT BE REQUIRED TO COMPLY WITH THE COST ACCOUNTING STANDARDS OR CONTRACT COST PRINCIPLES FOR THIS PURPOSE. THIS PARAGRAPH DOES NOT GIVE THE GOVERNMENT ANY RIGHT TO AUDIT THE CONTRACTOR'S RECORDS. THE CONTRACTOR SHALL NOT BE PAID FOR ANY WORK PERFORMED OR COSTS INCURRED THAT REASONABLY COULD HAVE BEEN AVOIDED.

(g) TERMINATION FOR CAUSE. THE GOVERNMENT MAY TERMINATE THIS CONTRACT, OR ANY PART HEREOF, FOR CAUSE IN THE EVENT OF ANY DEFAULT BY THE CONTRACTOR, OR IF THE CONTRACTOR FAILS TO COMPLY WITH ANY CONTRACT TERMS AND CONDITIONS, OR FAILS TO PROVIDE THE GOVERNMENT, UPON REQUEST, WITH ADEQUATE ASSURANCES OF FUTURE PERFORMANCE. IN THE EVENT OF TERMINATION FOR CAUSE, THE GOVERNMENT SHALL NOT BE LIABLE TO THE CONTRACTOR FOR ANY AMOUNT FOR SUPPLIES OR SERVICES NOT ACCEPTED, AND THE CONTRACTOR SHALL BE LIABLE TO THE GOVERNMENT FOR ANY AND ALL RIGHTS AND REMEDIES PROVIDED BY LAW. IF IT IS DETERMINED THAT THE GOVERNMENT IMPROPERLY TERMINATED THIS CONTRACT FOR DEFAULT, SUCH TERMINATION SHALL BE DEEMED A TERMINATIN FOR CONVENIENCE.

(h) WARRANTY. THE CONTRACTOR WARRANTS AND IMPLIES THAT THE ITEMS DELIVERED HEREUNDER ARE MERCHANTABLE AND FIT FOR USE FOR THE PARTICULAR PURPOSE DESCRIBED IN THIS CONTRACT.

(END OF CLAUSE)

VENDOR:

DFARS 252.204-7004 REQUIRED CENTRAL CONTRACTOR REGISTRATION NOV 2001

(A) DEFINITIONS. AS USED IN THIS CLAUSE --
(1) "CENTRAL CONTRACTOR REGISTRATION (CCR) DATABASE" MEANS THE PRIMARY DOD REPOSITORY FOR CONTRACTOR INFORMATION REQUIRED FOR THE CONDUCT OF BUSINESS WITH DOD.
(2) "DATA UNIVERSAL NUMBER SYSTEM (DUNS) NUMBER" MEANS THE 9-DIGIT NUMBER ASSIGNED BY DUNS AND BRADSTREET INFORMATION SERVICES TO IDENTIFY UNIQUE BUSINESS ENTITIES.
(3) "DATA UNIVERAL NUMBERING SYSTEM +4 (DUNS+4) NUMBER" MEANS THE DUNS NUMBER ASSIGNED BY DUN AND BRADSTREET PLUS A 4-DIGIT SUFFIX THAT MAY BE ASSIGNED BY A PARENT (CONTROLLING) BUSINESS CONCERN. THIS 4-DIGIT SUFFIX MAY BE ASSIGNED AT THE DISCRETION OF THE PARENT BUSINESS CONCERN FOR SUCH PURPOSES AS IDENTIFYING SUBUNITS OR AFFILIATES OF THE PARENT BUSINESS CONCERN.
(4) "REGISTERED IN THE CCR DATABASE" MEANS THAT ALL MANDATORY INFORMATION, INCLUDING THE DUNS NUMBER OR THE DUNS+4 NUMBER, IF APPLICABLE, AND THE CORRESPONDING COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE, IS IN THE CCR DATABASE; THE DUNS NUMBER AND THE CAGE CODE HAVE BEEN VALIDATED AND ALL EDITS HAVE BEEN SUCCESSFULLY COMPLETED.

(B)(1) BY SUBMISSION OF AN OFFER, THE OFFEROR ACKNOWLEDGES THE REQUIREMENT THAT A PROSPECTIVE AWARDEE MUST BE REGISTERED IN THE CCR DATABASE PRIOR TO AWARD, DURING PERFORMANCE, AND THROUGH FINAL PAYMENT OF ANY CONTRACT RESULTING FROM THIS SOLICITATION, EXCEPT FOR AWARDS TO FOREIGN VENDORS FOR WORK PERFORMED OUTSIDE THE UNITED STATES.

(2) THE OFFEROR SHALL PROVIDE ITS DUNS OR, IF APPLICABLE, ITS DUNS+4 NUMBER WITH ITS OFFER, WHICH WILL BE USED BY THE CONTRACTING OFFICER TO VERIFY THAT THE OFFEROR IS REGISTERED IN THE CCR DATABASE.

(3) LACK OF REGISTRATION IN THE CCR DATABASE WILL MAKE AN OFFEROR INELIGIBLE FOR AWARD.

(4) DOD HAS ESTABLISHED A GOAL OF REGISTERING AN APPLICANT IN THE CCR DATABASE WITHIN 48 HOURS AFTER RECEIPT OF A COMPLETE AND ACCURATE APPLICATION VIA THE INTERNET. HOWEVER, REGISTRATION OF AN APPLICANT SUBMITTING AN APPLICATION THROUGH A METHOD OTHER THAN THE INTERNET MAY TAKE UP TO 30 DAYS. THEREFORE, OFFERORS THAT ARE NOT REGISTERED SHOULD CONSIDER APPLYING FOR REGISTRATION IMMEDIATELY UPON RECEIPT OF THIS SOLICITATION.

(C) THE CONTRACTOR IS REPSONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THE DATA WITHIN THE CCR, AND FOR ANY LIABILITY RESULTING FROM THE GOVERNMENT'S RELIANCE ON INITIAL REGISTRATION, THE CONTRACTOR IS REQUIRED TO CONFIRM ON AN ANNUAL BASIS THAT ITS INFORMATION IN THE CCR DATABASE IS ACCURATE AND COMPLETE.

(D) OFFERORS AND CONTRACTORS MAY OBTAIN INFORMATION ON REGISTRATION AND ANNUAL CONFIRMATION REQUIREMENTS BY CALLING 1-888-227-2423, OR VIA THE INTERNET AT http://ccr.gov.

FAR 52.204-6 DATA UNIVERAL NUMBERING SYSTEM (DUNS) NUMBER OCT 2003

VENDOR:

DFARS 252.225-7000 BUY AMERICAN ACT - BALANCE OF PAYMENTS PROGRAM CERTIFICATE (REVISIED JANUARY 13, 2004) APR 2003

(a) DEFINITIONS. "DOMESTIC END PRODUCT," "QUALIFYING COUNTRY,"AND QUALIFYING COUNTRY END PRODUCT" HAVE THE MEANINGS GIVEN IN THE BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM CLAUSE OF THIS SOLICITATION.

(b) EVALUATION. THE GOVERNMENT -
(1) WILL EVALUATE OFFERS IN ACCORDANCE WITH THE POLICIES AND PROCEDURES OF PART 225 OF THE DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT; AND
(2) WILL EVALUATE OFFERS OF QUALIFYING COUNTRY END PRODUCTS WITHOUT REGARD TO THE RESTRICTIONS OF THE BUY AMERICAN ACT OR THE BALANCE OF OF PAYMENTS PROGRAM.

(c) CERTIFICATIONS AND IDENTIFICATION OF COUNTRY OF ORIGIN.
(1) FOR ALL LINE ITEMS SUBJECT TO THE BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM CLAUSE OF THIS SOLICITATION, THE OFFEROR CERTIFIES THAT-
(i) FOR EACH END PRODUCT, EXCEPT THOSE LISTED IN PARAGRAPHS (c)(2) OR (3) OF THIS PROVISION, IS A DOMESTIC END PRODUCT; AND

(ii) COMPONENTS OF UNKNOWN ORIGIN ARE CONSIDERED TO HAVE BEEN MINED, PRODUCED OR MANUFACTURED OUTSIDE THE UNITED STATES OR A QUALIFYING COUNTRY.

(2) THE OFFEROR CERTIFIES THAT THE FOLLOWING END PRODUCTS ARE QUALIFYING COUNTRY END PRODUCTS:

LINE ITEM NUMBER	COUNTRY OF ORIGIN
_____	_____

(3) THE FOLLOWING END PRODUCTS ARE OTHER FOREIGN END PRODUCTS

LINE ITEM NUMBER	COUNTRY OF ORIGIN (IF KNOWN)
_____	_____

(END OF PROVISION)

DFARS 252.225-7001 BUY AMERICAN ACT - BALANCE OF PAYMENTS PROGRAM APR 2003

DFARS 252.225-7002 QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS APR 2003

FAR 52.219-1 SMALL BUSINESS PROGRAM REPRESENTATIONS APR 2002

(a)(1) THE NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) CODE FOR THIS ACQUISITION IS 334413__. [INSERT NAICS CODE].
(2) THE SMALL BUSINESS SIZE STANDARD IS 500_____. [INSERT SIZE STANDARD].
(3) THE SMALL BUSINESS SIZE STANDARD FOR A CONCERN WHICH SUBMITS AN OFFER IN ITS OWN NAME, OTHER THAN ON A CONSTRUCTION O SERVICE CONTRACT, BUT WHICH PROPOSES TO FURNISH A PRODUCT WHICH IT DID NOT ITSELF MANUFACTURE, IS 500 EMPLOYEES.
(b) REPRESENTATIONS. (1) THE OFFEROR REPRESENTS AS PART OF ITS OFFER THAT IT ___ IS, ___ IS NOT A SMALL BUSINESS CONCERN.
(2) [COMPLETE ONLY IF THE OFFEROR REPRESENTED ITSELF AS A SMALL BUSINESS CONCERN IN PARAGRAPH (b)(1) OF THIS PROVISION.] THE OFFEROR PREPRESENTS, FOR GENERAL STATISTICAL PURPOSES, THAT IT ___ IS, ___ IS NOT A SMALL DISADVANTAGED BUSINESS CONCERN AS DEFINED IN 13 CFR 124.1002.

VENDOR:

(3) [COMPLETE ONLY IF THE OFFEROR REPRESENTED ITSELF AS A SMALL BUSINESS CONCERN IN PARAGRAPH (b)(1) OF THIS PROVISION.] THE OFFEROR REPRESENTS AS PART OF ITS OFFER THAT IT ___ IS, ___ IS NOT A WOMEN-OWNED SMALL BUSINESS CONCERN.

(4) [COMPLETE ONLY IF THE OFFEROR REPRESENTED ITSELF AS A SMALL BUSINESS CONCERN IN PARAGRAPH (b)(1) OF THIS PROVISION.] THE OFFEROR REPRESENTS AS PART OF ITS OFFER THAT IT ___ IS, ___ IS NOT A VETERAN-OWNED SMALL BUSINESS CONCERN.

(5) [COMPLETE ONLY IF THE OFFEROR REPRESENTED ITSELF AS A VETERAN-OWNED SMALL BUSINESS CONCERN IN PARAGRAPH (b)(4) OF THIS PROVISION.] THE OFFEROR REPRESENTS AS PART OF ITS OFFER THAT IT ___ IS, ___ IS NOT A SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS CONCERN.

(6) [COMPLETE ONLY IF THE OFFEROR REPRESENTED ITSELF AS A SMA BUSINESS CONCERN IN PARAGRAPH (b)(1) OF THIS PROVISION.] THE OFFEROR REPRESENTS, AS PART OF ITS OFFER, THAT-

(i) IT ___ IS, ___ IS NOT A HUBZONE SMALL BUSINESS CONCERN THE DATE OF THIS REPRESENTATION, ON THE LIST OF QUALIFIED HUBZON SMALL BUSINESS CONCERNS MAINTAINED BY THE SMALL BUSINESS ADMINISTRATION, AND NO MATERIAL CHANGE IN OWNERSHIP AND CONTROL, PRINCIPAL OFFICE, OR HUBZONE EMPLOYEE PERCENTAGE HAS OCCURRED SINCE IT WAS CERTIFIED BY THE SMALL BUSINESS ADMINISTRATION IN ACCORDANCE WITH 13 CFR PART 126; AND

(ii) IT ___, IS, ___ NOT A JOINT VENTURE THAT COMPLIES WITH THE REQUIREMENTS OF 13CFR PART 126, AND THE REPRESENTATION IN PARAGRAPH (b)(6)(i) OF THIS PROVISION IS ACCURATE FOR THE HUBZONE SMALL BUSINESS CONCERN OR CONCERNS THAT ARE PARTICIPATIN IN THE JOINT VENTURE. [THE OFFEROR SHALL ENTER THE NAME OR NAMES OF THE HUBZONE SMALL BUSINESS CONCERN OR CONCERNS THAT ARE PARTICIPATING IN THE JOINT VENTURE:_____.]
_____
EACH HUBZONE SMALL BUSINESS CONCERN PARTICIPATING IN THE JOINT VENTURE SHALL SUBMIT A SEPARATE SIGNED COPY OF THE HUBZONE REPRESENTATION.

(c) DEFINITIONS. AS USED IN THIS PROVISION-

"SERVICE-DIABLED VETERAN-OWNED SMALL BUSINESS CONCERN"-

(1) MEANS A SMALL BUSINESS CONCERN-

(i) NOT LESS THAN 51 PERCENT OF WHICH IS OWNED BY ONE OR MO SERVICE-DISABLED VETERANS OR, IN THE CASE OF ANY PUBLICLY OWNED BUSINESS, NOT LESS THAN 51 PERCENT OF THE STOCK OF WHICH IS OWNE BY ONE OR MORE SERVICE-DISABLED VETERANS AND

(ii) THE MANAGEMENT AND DAILY BUSINESS OPERATION OF WHICH A CONTROLLED BY ONE OR MORE SERVICE-DISABLED VETERANS OR, IN THE CASE OF A VETERAN WITH PERMANENT AND SEVERE DISABLITY, THE SPOUS OR PERMANENT CAREGIVER OF SUCH VETERAN.

(2) SERVICE-DISABLED VETERAN MEANS A VETERAN, AS DEFINED IN 38 U.S.C. 101(2), WITH A DISABILITY THAT IS SERVICE CONNECTED, A DEFINED IN 38 U.S.C. 101(16).

"SMALL BUSINESS CONCERN" MEANS A CONCERN, INCLUDING ITS AFFILIATES, THAT IS INDEPENDENTLY OWNED AND OPERATED, NOT DOMINA IN THE FIELD OF OPERATION IN WHICH IT IS BIDDING ON GOVERNMENT CONTRACTS, AND QUALIFIED AS A SMALL BUSINESS UNDER THE CRITERIA 13 CFR PART 121 AND THE SIZE STANDARD IN PARAGRAPH (a) OF THIS PROVISION.

"VETERAN-OWNED SMALL BUSINESS CONCERN" MEANS A SMALL BUSINESS CONCERN-

(1) NOT LESS THAN 51 PERSENT OF WHICH IS OWNED BY ONE OR MORE VETERANS (AS DEFINED AT 38 U.S.C. 101(2)) OR, IN THE CASE OF ANY PUBLICLY OWNED BUSINESS, NOT LESS THAN 51 PERCENT OF THE STOCK O WHICH IS OWNED BY ONE OR MORE VETERANS; AND

VENDOR:

(2) THE MANAGEMENT AND DAILY BUSINESS OPERATIONS OF WHICH ARE CONTROLLED BY ONE OR MORE VETERANS.
"WOMEN-OWNED SMALL BUSINESS CONCERN" MEANS A SMALL BUSINESS CONCERN-
(1) THAT IS AT LEAST 51 PERCENT OWNED BY ONE OR MORE WOMEN; O IN THE CASE OF ANY PUBLICLY OWNED BUSINESS, AT LEAST 51 PERCENT THE STOCK OF WHICH IS OWNED BY ONE OR MORE WOMEN; AND
(2) WHOSE MANAGEMENT AND DAILY BUSINESS OPERATIONS ARE CONTROLLED BY ONE OR MORE WOMEN.

(d) NOTICE. (1) IF THIS SOLICITATION IS FOR SUPPLIES AND HAS BEE SET ASIDE, IN WHOLE OR IN PART, FOR SMALL BUSINESS CONCERNS, THE THE CLAUSE IN THIS SOLICITION PROVIDING NOTICE OF THE SET-ASIDE CONTAINS RESTRICITIONS ON THE SOURCE OF THE END ITEMS TO BE FURNISHED.
(2) UNDER 15 U.S.C. 645(d), ANY PERSON WHO MISREPRESENTS A FIRM'S STATUS AS A SMALL, HUBZONE SMALL, SMALL DISADVANTAGED, OR WOMEN-OWNED SMALL BUSINESS CONCERN IN ORDER TO OBTAIN A CONTRACT TO BE AWARDED UNDER THE PREFERENCE PROGRAMS ESTABLISHED PURSUANT TO SECTION 8(a), 8(d), 9, OR 15 OF THE SMALL BUSINESS ACT OR ANY OTHER PROVISION OF FEDERAL LAW THAT SPECIFICLLY REFERENCES SECTION 8(d) FOR A DEFINITION OF PROGRAM ELIGIBLITY, SHALL-
(i) BE PUNISHED BY IMPOSITION OF FINE, IMPRISONMENT, OR BOTH:
(ii) BE SUBJECT TO ADMINISTRATIVE REMEDIES, INCLUDING SUSPENSION AND DEBARMENT; AND
(iii) BE INELIGIBLE FOR PARTICIPATION IN PROGRAMS CONDUCTED UNDER THE AUTHORITY OF THE ACT.
(END OF PROVISION)

ALTERNATE I (APR 2002). AS PRESCRIBED IN 19.307(a)(2), ADD THE FOLLOWING PARAGRAPH (b)(7) TO THE BASIC PROVISION:

(7) [COMPLETE IF OFFEROR REPRESENTED ITSELF AS DISADVANTAGED IN PARAGRAPH (b)(2) OF THIS PROVISION.] THE OFFEROR SHALL CHECK THE CATEGROY IN WHICH ITS OWNER SHIP FALLS:

___ BLACK AMERICAN.
___ HISPANIC AMERICAN.
___ NATIVE AMERICAN (AMERICAN INDIANS, ESKIMOS, ALEUTS OR NATIVE HAWAIIANS).
___ ASIAN-PACIFIC AMERICAN (PERSONS WITH ORGINS FROM BURMA, THAILAND, MALAYSIA, INDONESIA, SINGAPORE, BRUNEI, JAPAN, CHINA, TAIWAN, LAOS, CAMBODIA (KAMPUCHEA), VIETNAM, KOREA, THE PHILIPPINES, U.S.TRUST TERRITORY OF THE PACIFIC ISLANDS (REPUBLI OF PALAU), REPRUBLIC OF THE MARSHALL ISLANDS, FEDERATED STATES OF MICRONESIA, THE COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS, GUAM, SAMOA, MACAO, HONG KONG, FIJI, TONGA, KIRIBATI, TUVALU, OR NAURU).
___ SUBCONTINENT ASIAN (ASIAN-INDIAN) AMERICAN (PERSONS WITH ORIGINS FROM INDIA, PAKISTAN, BANGLADESH, SRI LANKA, BHUTAN, THE MALDIVES ISLANDS, OR NEPAL).
___ INDIVIDUAL/CONCERN, OTHER THAN ONE OF THE PRECEDING.

FAR 52.211-14 NOTICE OF PRIORITY RATING FOR DEFENSE USE SEP 1990

ANY CONTRACT AWARDED AS A RESULT OF THIS SOLICIATION WILL BE ___ DX RATED ORDER; XX_ DO RATED ORDER CERTIFIED FOR NATIONAL DEFENSE USE UNDER THE DEFENSE PRIORITIES AND ALLOCATIONS SYSTEM (DPAS) (15 CFR 700), AND THE CONTRACTOR WILL BE REQUIRED TO FOLLOW ALL OF THE REQUIREMENTS OF THIS REGULATION.

1-21-04
MDS c/523
ph. 7671

Specifications for 32 channel ADC boards

1. Required board size: single 6U VME slot.

2. The board must have 32 ADC channels, each with 16 bits/sample. The internal sampling frequency must be programmable and must be able to run all sixteen channels simultaneously at 1.2 Samples/second for an aggregate rate of 19.2 MSamples/second. Actual analog signals are at 41.5kHz, 75kHz, 275kHz, 375kHz, and 475kHz center frequencies, with 20kHz bandwidth for each.

3. Must have simultaneous sample and hold for all 32 ADC channels, with sampling jitter of 3 nanoseconds, or less.

4. Must be able to connect external TTL clock signal and configure board to use this as ADC conversion clock.

5. Each 16 bit ADC channel must have better than 87 dB dynamic range and 87 dB SNR, or better, from DC to 485kHz analog frequency. (475kHz with 20kHz bandwdith = 465kHz to 485kHz) Each must have 87dB crosstalk isolation between channels, or better, and 87 dB Common-Mode Rejection, or better.

6. ADC data buffer must be at least 4MBytes (2MSamples) and must be mapped to VME backplane addresses. Board must generate VME interrupts for buffer half-full and completely-full so that data can be downloaded via the VME backplane. Data downloads using a "swing buffer" or continuous "FIFO buffer" technique should occur without interrupting (or glitching) ADC conversions running in a continuous mode.

7. Must support A32-D32 and A32-D64 Block mode data transfers over the VME backplane. A32-D32 Block mode transfers must be 9.6 MBytes/second, or better, when the effective ADC sample rate is 300 kSamples/second. A32-D64 Block mode transfers of 38.4 MBytes/second, or better, when the ADC sample rate is 1.2 MSamples/second.

8. Environmental characteristics :
   (a) Power (2.2 Amps x 5 VDC) + (0.3 Amps x 12 VDC) = 12.5W + 3.6W = 16.1Watts, or less.
   (b) Operating temperature 0 to 50 degrees Celsius.
   (c) Storage temperature -40 to +85 degrees Celsius.
   (d) Humidity 90 percent.

9. Each input channel must have a sigma-delta ADC requiring little or on anti-alias filtering. The 3 dB down point should be at 0.478 times the effective sampling frequency, or better. (0.478 x 1.2MS/sec = 574kHz at highest sampling rate) The pass-band should have no attenuation of the signal out to 0.383 times the effective sampling frequency, or better. (0.383 x 1.2MS/sec = 459.6kHz at highest sampling rate)

10. The ADC board must have an existing software driver, that works with VxWorks OS. (specifically with Tornado version 2.2.0)