

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS <i>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30</i>				1. REQUISITION NUMBER MA-PR615-20120591		PAGE OF 1 6	
2. CONTRACT NO.		3. AWARD/ EFFECTIVE DATE 03/26/2012	4. ORDER NUMBER DTMA-92-P-2012-0046		5. SOLICITATION NUMBER DTMA-92-Q-2012-0025		6. SOLICITATION ISSUE DATE 03/20/2012
7. FOR SOLICITATION INFORMATION CALL:		a. NAME GLEN SPEARS		b. TELEPHONE NUMBER (757) 593.3540 <i>(No collect calls)</i>		8. OFFER DUE DATE/LOCAL TIME ET	
9. ISSUED BY U.S.DOT/ Maritime Administration Atlantic Div. Acquisition Office MAR-380-2 7737 Hampton Blvd Building 19 Suite 300 NORFOLK VA 23505-1204			CODE 00092	10. THIS ACQUISITION IS <input checked="" type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS <input type="checkbox"/> UNRESTRICTED OR <input type="checkbox"/> WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM <input type="checkbox"/> ECONOMICALLY DISADVANTAGED WOMEN-OWNED SMALL BUSINESS (EDWOSB) <input type="checkbox"/> 8(A) <input checked="" type="checkbox"/> SET ASIDE: % FOR: NAICS: 541330 SIZE STANDARD: \$4.00			
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE		12. DISCOUNT TERMS		13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) <input type="checkbox"/>		13b. RATING	
15. DELIVER TO TS EMPIRE STATE SUNY Maritime College 6 Pennyfield Avenue Bronx NY 10465		CODE 00092-TS EMPIRE STAT		16. ADMINISTERED BY U. S. DOT Maritime Administration Atlantic Div. Acquisition Office MAR-380.2 7737 Hampton Blvd Building 19 Suite 300 Norfolk VA 23505-1204			
17a. CONTRACTOR/ OFFEROR RELIABILITY MAINTENANCE SERVICES INC Attn: ALEX B. JOHNSTON 823 W PARK AVE PMB 245 ASBURY PARK NJ 07712-7205 TELEPHONE NO. 732-922-8878		CODE DUNS 807366752 FACILITY CODE		18a. PAYMENT WILL BE MADE BY MARAD A/P INVOICES P.O.BOX 25710 OKLAHOMA CITY OK 73125			
17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER <input type="checkbox"/>		18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM					
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES			21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
0001	Mark For: TS EMPIRE STATE SUNY Maritime College 6 Pennyfield Avenue Bronx NY 10465 Period of Performance: 05/04/2012 to 05/07/2012 COLLECTION OF VIBRATION DATA Please see Statement of Work for details. Continued ... <i>(Use Reverse and/or Attach Additional Sheets as Necessary)</i>						3,500.00
25. ACCOUNTING AND APPROPRIATION DATA 70X1750SMR.2012.120SMD1070.0000160000.25711.61006600						26. TOTAL AWARD AMOUNT (For Govt. Use Only) \$5,500.00	
27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA		27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA		29. AWARD OF CONTRACT: REF. _____ OFFER DATED _____ YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:		28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED.	
30a. SIGNATURE OF OFFEROR/CONTRACTOR				31a. UNITED STATES OF AMERICA SIGNATURE OF CONTRACTING OFFICER 			
30b. NAME AND TITLE OF SIGNER (Type or print)		30c. DATE SIGNED		31b. NAME OF CONTRACTING OFFICER (Type or print) Melinda Simmons-Healy		31c. DATE SIGNED 3/26/12	

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
0002	PERFORM ANALYSIS AND COMPARISON OF COLLECTED DATA AND GENERATE A REPORT Please see Statement of Work for details. The total amount of award: \$5,500.00. The obligation for this award is shown in box 26.				2,000.00

32a. QUANTITY IN COLUMN 21 HAS BEEN

RECEIVED INSPECTED ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
--	-----------	---

32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE	

33. SHIP NUMBER <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
--	--------------------	---------------------------------	--	------------------

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY
------------------------	------------------------	-------------

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY (<i>Print</i>)
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE
42b. RECEIVED AT (<i>Location</i>)	
42c. DATE REC'D (<i>YY/MM/DD</i>)	42d. TOTAL CONTAINERS

Vessel Location:

TS EMPIRE STATE
State University of New York Maritime College
#6 Pennyfield Avenue
Bronx, NY 10465

PROVISIONS and CLAUSES

The following FAR, Transportation Acquisition Manual (TAM), and MARAD local provisions and clauses apply to this solicitation and are incorporated by reference.

52.252-2 Clauses Incorporated by Reference

This contract 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 may be accessed electronically at the following Internet addresses:

Federal Acquisition Regulations (52.)

<https://www.acquisition.gov/comp/far/current/html/FARTOCP52.html>

Transportation Acquisition Regulations (1252.) <http://www.dot.gov/ost/m60/tamtar/part1252.htm>

U.S. Maritime Administration Provisions and Clauses (MCL.H)

https://voa.marad.dot.gov/Solicitation_Awards/docs/mar-380/MARAD%20Clauses%20MCL%20for%20HTML.htm

52.204-7 Central Contractor Registration;

52.212-4 Contract Terms and Conditions-Commercial Items;

52.212-5 Contract Terms and Conditions Required to Implement Statutes or Executive Orders - Commercial Items; within FAR Clause 521112-5(b) and (c), the following Items are designed by the Contracting Officer to apply to the solicitation:

52.204-10 Reporting Executive Compensation and First-Tier Subcontract Awards (over 25K)

52.219-28 Post-Award Small Business Program Representation.

52.222-3 Convict Labor,

52.222-19 Child Labor - Cooperation with Authorities and Remedies,

52.222-21 Prohibition of Segregated Facilities,

52.222-26 Equal Opportunity,

52.225-13 Restrictions on Certain Foreign Purchases, and

52.232-33 Payment by Electronic Funds Transfer --Central Contractor Registration

52.215-5 Facsimile Proposals: (757) 322-5858

52.223-18 Contractor Policy to Ban Text Messaging While Driving

1252.223-73 Seat Belt Use Policies and Programs

MCL.H-2 Supplemental Work Requests (Subparagraph (d) (10) is \$5,000.00)

MCL.H-3 Indemnity and Insurance

MCL.H.4 Indemnity and Insurance (Additional)

MCL.H-6 Standards of Employee Conduct

MCL.H-10 Supplemental Growth Requirements

MCL.H-11 Disposition of Removed Equipment and Scrap

MCL.H-12 Maritime Liens, No Authority to Incur

MCL.L-2 Agency Protests

APPLICABLE SERVICE CONTRACT ACT WAGE DETERMINATION: The Service Contract Act wage determination applicable to this requirement is available online at the following address:

<http://www.wdol.gov/wdol/scafiles/std/05-2375.txt>

INVOICE SUBMISSION INSTRUCTIONS – MARAD

The Contractor may submit invoices in either electronic or paper format. Electronic submission is preferred.

(1) Electronic invoices shall be addressed to MARADInvoices@faa.gov, with copy to MARADSARInvoices@dot.gov

Electronic invoices shall conform to the following criteria, or be subject to rejection:

- a. Invoice and supporting documentation shall be in Adobe Acrobat (pdf) format.
- b. The e-mail subject shall include the contract/purchase order number and invoice number.
- c. The transmitting e-mail shall include the following information: Name of the Contractor; Invoice date and number; Invoice amount; Contract number and, if applicable, the order or modification number; Terms of any discount for prompt payment offered; Payment instructions (i.e., financial institution, ABA routing #, account #)

(2) Paper invoices shall be submitted to one of the following addresses. Multiple copies are not required.

MARAD A/P SAR Invoices Branch
AMZ-160
PO Box 25710
Oklahoma City, OK 73125

If a street address is required for delivery (i.e., Federal Express), the following address may be used in lieu of the post office box:

MARAD A/P SAR Invoices Branch
AMZ-160
6500 S MacArthur Blvd.
Oklahoma City, OK 73169

PERFORMANCE PERIOD: The performance period shall start on or about May 5, 2012 and terminate in the evening on the day of departure May 7, 2012. Vibration analysis reports will be expected as soon as possible on machinery which is exhibiting serious vibration concerns. The complete report will be expected no later than 4 weeks after the final readings are taken.

STATEMENT OF WORK

ABSTRACT: This requirement is to perform the required Annual Vibration Analysis, which includes the collection of data from machinery list provided, the analysis and comparison of the data that is collected with past and baseline data and the compiling of this data in a comprehensive report to be submitted to the ABS for review. It will be the contractor's responsibility to provide a report that satisfies ABS requirements.

REFERENCES: Baseline and previous data of Machinery to be analyzed.

ITEM 0001: COLLECTION OF VIBRATION DATA

An ABS certified vibration analysis contractor is to collect both overall and spectral (FFT) vibration velocity measurements in three orthogonal planes at each accessible bearing of the equipment listed in the table below. The number of measurements taken, their frequency ranges (as determined by their high and low pass filter settings), and the resolution of those measurements shall be such as to make it possible to identify any existing faults in that equipment. In addition to the vibration velocity measurements, HFD (high frequency detection, measured in g's acceleration) shall be taken at each accessible bearing. Ultrasonic measurements shall also be taken in the area of each bearing and coupling. An Engineering Officer will be appointed by the Chief Engineer to start/stop various equipment for the technician gathering the data.

Equipment Listing

Forced Draft Fans & Motors #'s 1 & 2
Steering Gear Pumps & Motors #'s 1 & 2
High Pressure Turbine
High Pressure Turbine Flex Coupling
Low Pressure Turbine
Low Pressure Turbine Flex Coupling
Auxiliary Circulating Pumps & Motors #'s 1 & 2
Auxiliary Condensate Pumps & Motors #'s 1 & 2
Bilge & Ballast Pumps & Motors #'s 1 & 2
Main Feed Pumps & Turbines #'s 1 & 2
Engine Room Fire Pump & Motor
Fire & Tank Wash Pump & Motor
Shaft Alley Fire Pump & Motor
Fuel Oil Service Pumps & Motors #'s 1 & 2
Fuel Oil Transfer Pump & Motor
Lube Oil Service Pumps & Motors #'s 1 & 2
Main Circulating Pump & Motor
Main Condensate Pumps & Motors # 1 & 2
Engine Room Salt Water Service Pumps & Motors #'s 1 & 2
SS Turbo Generators # 1 & 2 High Speed Shafting
SS Turbo Generators # 1 & 2 Low Speed Shafting
Cargo Refrigeration Compressors & Motors #'s 1 & 2
Old House Air Conditioning Compressors & Motors #'s 1 & 2
SS Refrigeration Compressors & Motors #'s 1 & 2
Anchor Windlass Hydraulic Pumps #1 & 2 & Motor
New House Centrifugal Chiller Compressor & Motor
New House Chiller Chilled Water Pumps #'s 1 & 2

Reverse Osmosis High Pressure Pump & Motor
AMS Salt Water Cooling Pumps & Motors #'s 1 & 2
AMS Fire Pump & Motor
Nirex Evaporator Salt Water Feed Pump & Motor
Nirex Evaporator Water/Glycol Pump & Motor
Griscom Russell Flash Evaporators #'s 1 & 2 SW Feed Pumps & Motors
Griscom Russell Flash Evaporators #'s 1 & 2 Brine Pumps & Motors
Griscom Russell Flash Evaporators #'s 1 & 2 Distillate Pumps & Motors
Main Engine Reduction Gear - LP & HP Pinions & Gears
Line Shaft Bearings 1 through 7

ITEM 0002 PERFORM ANALYSIS AND COMPARISON OF COLLECTED DATA AND GENERATE A REPORT

An ISO certified vibration analyst shall analyze and compare the data gathered in ITEM 0001 for the existence of any equipment faults. Those faults, and the recommended actions to remedy them, must be clearly stated in a printed report. That report shall include all recent and historical spectral data (waterfall plots) for the purpose of identifying any trends. The printed report shall be produced in triplicate and delivered to the attention of the Chief Engineer, TS Empire State, SUNY Maritime College, 6 Pennyfield Ave., Bronx, NY 10465. It shall be the responsibility of the contractor to produce a report satisfactory to ABS for the purpose of satisfying the intent of this work item.