

**SOLICITATION / CONTRACT / ORDER FOR COMMERCIAL ITEMS**  
**OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30**

1. REQUISITION NUMBER  
 PRWR0900049/0001

PAGE 1 OF 3

2. CONTRACT NO.      3. AWARD/EFFECTIVE DATE      08/06/2009      4. ORDER NUMBER      DTMA4P09040      5. SOLICITATION NUMBER      6. SOLICITATION ISSUE DATE

**7. FOR SOLICITATION INFORMATION CALL:**      a. NAME      b. TELEPHONE NUMBER (No collect calls)      8. OFFER DUE DATE/ LOCAL TIME

9. ISSUED BY      CODE      00094      10. THIS ACQUISITION IS  
 DOT/Maritime Administration, DPO Acquisition  
 201 Mission Street, Suite 1800  
 San Francisco, CA 94105-1905  
 TEL: (415) 744-2924 ext.  
 FAX: (415) 744-2576 ext.

UNRESTRICTED OR       SET ASIDE:      0.00% FOR:  
 SMALL BUSINESS       EMERGING SMALL BUSINESS  
 HUBZONE SMALL BUSINESS       8(A)  
 SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS

NAICS:  
 SIZE STANDARD: 50 or Less

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED  
 SEE SCHEDULE      12. DISCOUNT TERMS

13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)      13b. RATING

14. METHOD OF SOLICITATION  
 RFQ       IFB       RFP

15. DELIVER TO      CODE      16. ADMINISTERED BY      CODE      00094  
 DOT/Maritime Administration, Division of Pacific Ops  
 GOLDEN BEAR  
 San Francisco, CA 94105  
**Attn:** Sujit Mukherjee

17a. CONTRACTOR/OFFEROR      CODE      \*      FACILITY CODE      18a. PAYMENT WILL BE MADE BY      CODE  
 N C POWER SYSTEMS CO.  
 17900 W VALLEY HWY  
 TUKWILA, WA 98188-5533  
 TELEPHONE NO. (425) 251-5800 ext.

DOT/ Enterprise Services Center (ESC) OFO/FAA, Oklahoma City  
 MARAD A/P WR Invoices Branch, AMZ-150 PO Box 25710,  
 Oklahoma City, OK 73125

17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN  OFFER      18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED  SEE ADDENDUM

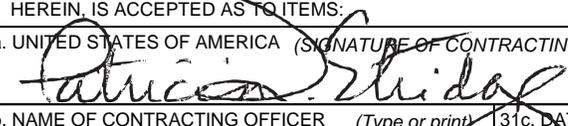
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
(Use Reverse and/or Attach Additional Sheets as Necessary)					

25. ACCOUNTING AND APPROPRIATION DATA      26. TOTAL AWARD AMOUNT (For Govt. Use Only)  
 2009 - - X1750 - SMR 120 - SM - J107 - 0 - 0000 - 160000 - - - - 25431 - 6100 - 6600 -      \$ 28,971.07

27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA  ARE  ARE NOT ATTACHED  
 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA  ARE  ARE NOT ATTACHED

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 HEREIN.

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:

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)      31c. DATE SIGNED  
 Patricia L. Etridge      08/06/2009

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT

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

<b>Line Item Summary</b>	<b>Document Number</b> DTMA4P09040	<b>Title</b> DTMA4P09040 MAK ENGINE FAILURE	<b>Page</b> 3 of 3
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**Total Funding:** \$28,971.07

FYs	Fund	Budget Org	Sub	Object Class	Sub	Program	Cost Org	Sub	Proj/Job No.	Sub	Reporting Category
2009	X1750	SMR 120	SM	J107	0	0000	160000				
<b>Division</b>	<b>Closed FYs</b>		<b>Cancelled Fund</b>								
25431	6100	6600									

Line Item Number	Description	CLIN Ref	Delivery Date (Start Date to End Date)	Quantity	Unit of Issue	Unit Price	Total Cost (Includes Discounts)
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REPAIRS REQUIRED FOR FUEL CONTAMINATE  
PRWR0900049 AND 0001

DUNS# 042554865

0001	SSDG #2, FAILURE AND FUEL CONTAMINATION	0001	09/30/2009	1.00	LOT	\$28,971.070	\$ 28,971.07
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EMERGENCY WORK REQUIRED TO REPAIR NO. 2 SSDG BEARING FAILURE ATTRIBUTED BY FUEL DILUTION PER ATTACHED STATEMENT OF WORK.

Ref Req No: PRWR0900049/0001

Funding Information:

2009 - - X1750 - SMR 120 - SM - J107 - 0 - 0000 - 160000 - - - -  
25431 - 6100 - 6600 -  
\$28,971.07

**Total Cost:** \$28,971.07

DIST: VENDOR/COTR/CO/FCO

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COMMERCIAL CLAUSES

1 STATEMENT OF WORK

STATEMENT OF WORK FOR No. 2 SSDG FAILURE

Golden Bear's SSDG No 2 sustained damage due fuel oil contamination into its lubricating oil system while operating at high seas under fully loaded condition. Diluted by fuel oil, the oil lubrication pressure dropped substantially. That in turn failed to retain the hydrodynamic film necessary to bear the peak pressure load.

Following failures noted by the vessel's authority till this date. More are being discovered as the inspection are being carried out on different location.

- 1) Fuel pipe assembly p/n 3.8521-1 got fractured ( main source of fuel contamination )
- 2) Four connecting rod bearings found to have wiped out.
- 3) Three journal found to have sustained minor damages. currently honing the journals.
- 4) Micrometer reading of the journals are within toleration limit. Still need MAK's opinion
- 5) Big eng bearing diameter looks OK but noted score marks. Several need replacement
- 6) Need to inspect all connecting rod bearings in presence of MAK technician.
- 7) Crank case deflection reading taken and are within tolerable limit. Reconfirm with Tec-rep
- 8) Few if not all main bearings need to be inspected to be sure of internal conditions.
- 9) Big end bearing two of them show significant metal smeared into journal and fatigue failures
- 10) Mic'd journal in way of smearing and spalling need to inspect for tolerances
- 11) Needs to confirm other generators' lub oil viscosity reading for proper operation
- 12) Need to clean up all bearing bore in con-rod & cap
- 13) Need to perform bump-bearing operation & clearances of all main bearings
- 14) Need to perform borescope inspection around crankshaft seal area.

We need a MAK specialized Technician who will oversee the repair carried out so far and will re-open or re-assemble parts that are suspicious or improperly assembled. We also would recommend that MAK technician will take the lead and do everything necessary that will bring this damaged generator into normal operating condition prior leaving the vessel.

As per our estimate four days of work will be necessary for technician to inspect and/or replace all necessary parts and bring the generator to operating order

The parts that are immediately necessary for this work is as per this list.

- |    |   |                    |
|----|---|--------------------|
| 1) | 6 pieces of big end bearings P/N 223281014, | 3.2820             |
| 2) | 6 pieces of normal bearing P/N 223123015    | 3.1240             |
| 3) | 1 piece of loc Bearing P/N 223123008        | 3.1230, 3.8521.001 |
| 4) | 4 Pieces of Fuel Line P/N 223851100         | 3.8521.001         |
| 5) | 1 piece of Fuel Line P/N 223851100          | 1.7082.512         |
| 6) | 5 Pieces of O rings P/N 967082512           | 1.0-11             |

In addition to these parts there may be some other essential parts that the MAK technician will recommend to install. Technician should be able to procure them.

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## 2 DPO INVOICE SUBMISSION

### INVOICE SUBMISSION - MARAD DPO

Electronic invoices shall be addressed to [MARADInvoices@faa.gov](mailto:MARADInvoices@faa.gov), with copy to [MARADWRInvoices@dot.gov](mailto:MARADWRInvoices@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 #)