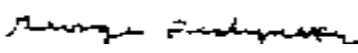


<b>SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS</b> OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30				1. REQUISITION NUMBER W56MES-4113-9365		PAGE 1 OF 5	
2. CONTRACT NO. W911XK-04-P-0081		3. AWARD/EFFECTIVE DATE 19-Jul-2004		4. ORDER NUMBER		5. SOLICITATION NUMBER W911XK-04-T-0050	
7. FOR SOLICITATION INFORMATION CALL:		a. NAME SAMMIE HART		b. TELEPHONE NUMBER (No Collect Calls) 313 226-6358		6. SOLICITATION ISSUE DATE 18-May-2004	
9. ISSUED BY CONTRACTING DIVISION DETROIT DISTRICT, USAED P.O. BOX 1027 DETROIT MI 48231-1027  TEL: (313) 226-5148 FAX: (313) 226-2209		CODE W911XK		10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED <input type="checkbox"/> SET ASIDE: % FOR <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> 8(A)  NAICS: SIZE STANDARD:		11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE  13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)  13b. RATING  14. METHOD OF SOLICITATION <input checked="" type="checkbox"/> RFQ <input type="checkbox"/> IFB <input type="checkbox"/> RFP	
15. DELIVER TO SOO AREA OFFIC ST. MARY'S FALLS CANAL SAULT STE. MARIE MI 49783		CODE		16. ADMINISTERED BY  <b>SEE ITEM 9</b>			
17a. CONTRACTOR/OFFEROR VANGUARD ENGINEERING SOLUTIONS INC 9602 BRADEN RUN BRADENTON FL 34202  TEL. (941) 751-4292		CODE 1VR96  FACILITY CODE 1VR96		18a. PAYMENT WILL BE MADE BY U S ARMY CORPS OF ENGINEERS FINANCE AND 5700 WASP AVENUE MILLINGTON TN 38054			
<input type="checkbox"/> 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 <input type="checkbox"/> SEE ADDENDUM					
19. ITEM NO.		20. SCHEDULE OF SUPPLIES/ SERVICES		21. QUANTITY		22. UNIT	23. UNIT PRICE
		SEE SCHEDULE					
25. ACCOUNTING AND APPROPRIATION DATA  See Schedule		26. TOTAL AWARD AMOUNT (For Govt. Use Only)  \$59,102.00					
<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED							
<input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> 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: REFERENCE <input type="checkbox"/> 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)		31c. DATE SIGNED	
						19-Jul-2004	
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)		30c. DATE SIGNED		31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) GEORGE FEDYNSKY / ADDED BY SUMI TEL: 313 226-6356 EMAIL: George.Fedynsky@lre02.usace.army.mil			

**SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS  
(CONTINUED)**

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
<p><b>SEE SCHEDULE</b></p>					

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> )
	42b. RECEIVED AT ( <i>Location</i> )
	42c. DATE REC'D ( <i>YY/MM/DD</i> )
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE

Section SF 1449 - CONTINUATION SHEET

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Main Unit Governor Pump Replacement, provide labor, material, installation, and disposal required to replace the Governor Hydraulic Pumps for Generator Units 1, 3, and 3. The pumps shall be 40 GPM, 300 PSI, vertical, scew-type, consisting of Baldor Motor (VM 2513T), Pumps(IMO 3DBC-2182L), Unloaders (Dynex Model No. 8827-06-1-LLP-25).	1	Lump Sum	\$59,102.00	\$59,102.00
NET AMT					\$59,102.00
ACRN AA Funded Amount					\$59,102.00

FOB: Destination

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	30-SEP-2004	1	SOO AREA OFFIC ST. MARY'S FALLS CANAL SAULT STE. MARIE MI 49783 FOB: Destination	

ACCOUNTING AND APPROPRIATION DATA

AA: 96X31230000 082427 2520001VWV017380 NA 96203  
 COST 000000000000  
 CODE:  
 AMOUNT: \$59,102.00

CLAUSES INCORPORATED BY REFERENCE

52.212-4	Contract Terms and Conditions--Commercial Items	OCT 2003
52.212-5	Contract Terms and Conditions Required to Implement Statutes or Executive Orders--Commercial Items	APR 2004
252.212-7001	Contract Terms and Conditions Required to Implement Statutes or Executive Orders Applicable to Defense Acquisitions of Commercial Items	JAN 2004

### SCOPE OF WORK

#### SCOPE OF WORK – NPP Main Unit Governor Pump Replacement

1. General - This scope of work includes all labor, material, installation, and disposal required to replace the governor hydraulic pumps for Generator Units' 1, 2, and 3 located within the US Army Corps of Engineers St Marys Falls Canal Hydropower Plant.
2. Pump Replacement Installation – The contractor shall install, energize and test all pumps. All work shall be performed by experienced tradespeople in accordance with industry standards. Installation shall be accomplished in accordance with the approved arrangement drawing.
  - 2.1. Basic Sequence of Events –
    - 2.1.1. Completely remove the two old pumps from one of the three generator units
    - 2.1.2. Drain the governor oil sump for the selected unit. The oil sump must be drained of oil and dried out for any welding or cutting required.
    - 2.1.3. Remove the old pump mounting plates and related piping components.
    - 2.1.4. Modify/Replace mounting plates to add new coupling(s) and to fill-in old holes from the pump adapter flange system that was removed. Drill and tap holes for new pumps. Dress up all metal work to safe, workman-like finishes. Paint affected surfaces to suit.
    - 2.1.5. Install the new pump assemblies. Filter oil and refill oil sump.
    - 2.1.6. Test and verify pump performance.
    - 2.1.7. Repeat the sequence for remaining unit(s).
3. Equipment and Material – The contractor shall furnish replacement pumps for the Woodward governor actuator cabinets for each of the three main generator units. Two (2) pumps are required at each of the three (3) cabinets. Each pump will be equipped with unload and ball valves, a motor, motor starters and overload protection, wiring, piping, mounting hardware and other accessories and appurtenances necessary for operation. The pumps shall be 40 GPM, 300 PSI, vertical, screw-type, consisting of Baldor Motors (VM 2513T), Pumps (IMO 3DBC-2182), Unloaders (Dynex Model No. 8827-06-1-LLP-25) and supporting hardware.
4. Pump Replacement Arrangement Drawing – The contractor shall provide a drawing that identifies all components and shows them in the assembled position. Approval must be obtained before any unit outages will be authorized.

5. Pump Replacement Testing and Commissioning – Contractor personnel will test all operational features of the replacement pumps, accessories and appurtenances upon installation.
6. Miscellaneous Pump Replacement Notes –
  - 6.1. The allowable outage time per unit shall not exceed three (3) days without assessment of liquidated damages.
7. Questions pertaining to this statement of work may be directed to Steve Rose, Soo Area Office at 906.635.3463.

Note: Installation of the pump is prohibited during the period from 15 July 2004 through 15 August 2004.