

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
JOHN F. KENNEDY SPACE CENTER, FLORIDA

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION
(BRAND NAME DETERMINATION)

Manhole Arc-Flash Testing, PCN 98954

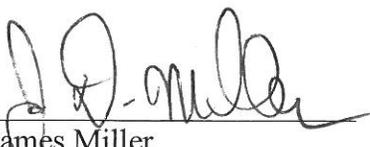
ESTIMATED ITEM VALUE OF PROTECTIVE RELAYS: \$3,250 per assembly
ESTIMATED TOTAL VALUE OF SINGLE MANUFACTURER ITEMS: \$3,250

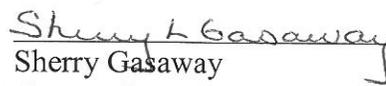
- 1.) Based on the justification provided herein, I recommend that an acquisition be made by other than full and open competition for the contract action described below:
- 2.) This contract action is for the acquisition of electrical medium voltage system protection, control and communication equipment manufactured by Schweitzer Engineering Laboratories (SEL) to be installed in conjunction with the Manhole Arc-Flash Testing Project, PCN 98954. Proprietary equipment required for this project is a single SEL 751 Protective Relay at an estimated cost of \$3,250.
- 3.) Contracting without full and open competition is permitted pursuant to 10 U.S.C. 2304 (c) (1) because the equipment required by Kennedy Space Center (KSC) is available from only one responsible manufacturer and no other manufacturer's equipment will fully satisfy KSC's requirements.
- 4.) There is a reasonable basis to conclude that KSC's requirements can only be satisfied by the proprietary equipment available from Schweitzer Engineering Laboratories (SEL). This single manufacturer requirement is based on software/hardware compatibility issues, communications protocols, and on the training investment previously made by the government on the SEL equipment as described below:
 - a. The purpose of the proprietary relay is to capture laboratory test data in the same format available on existing permanently installed SEL 751 relays located at KSC's Orsino and C5 Substations. Utilizing these relays allows the laboratory test data to be correlated to actual future KSC fault events.
 - b. The unique combination of SEL Intelligent Electronic Devices (IEDs) and their associated Communications Processors are the only devices capable of full compatibility with the Relay Management System installed at KSC. The Relay Management System Software (SEL 5010, 5040 and 5601 software solutions) combination is manufactured by Schweitzer Engineering Laboratories and is the engineering software used to perform system protection monitoring, IED configuration, event data collection

and ocollographic analysis. This software exists in client/server form and is tailored only for the SEL line of products.

- c. The SEL software allows personnel to access proprietary device functions such as relay settings, communication configuration, data logging, event waveform capture, ocollographic analysis, and automatic event notification and data collection. No other off-the shelf software package allows for this level of access. The use of other manufacturer's products will drive KSC to develop, at substantial cost to the government, a new server software structure around that manufacturer's product line, creating unacceptable delays in fulfilling the agency's requirements.
 - c. Use of the SEL items will not require additional government costs associated with training.
- 5.) Efforts will be made to ensure that qualified offerors are solicited from as many potential sources as possible. NAICS Code 237130, Power and Communication Line and Related Structures Construction, is applicable to this acquisition, which will be competed via full and open competition. The project specifications will fully explain the government's requirements regarding SEL system protection relays. Additionally, this brand name determination will be posted with the solicitation on the Federal Business Opportunities website at www.fbo.gov.
- 6.) I hereby determine that the price of the prime contract, including the SEL equipment will be fair and reasonable. This determination is based on the belief that the competitive nature of the overall procurement will entice bidding prime contractors to seek the most advantageous pricing from SEL authorized distributors and supply houses.
- 7.) Future actions to remove barriers to competition will include continued efforts to reach out to other manufacturers for compatible SEL equipment in order to reduce the amount of equipment that must be procured on a single manufacturer basis

Pursuant to FAR 6.303-2(b), I hereby certify that the supporting data furnished in support of contracting by other than full and open competition, under 10 U.S.C. 2304(c) (1), with Schweitzer Engineering Laboratories (SEL) for the purchase of electrical medium voltage system protection, control and communication equipment including its network interface equipment and management software is complete and accurate to the best of my knowledge and belief.


James Miller
Facilities Division
TA-B3B


Sherry Gasaway
Contracting Officer
OP-ESO
April 19, 2013