



UNITED STATES MARINE CORPS
MARINE CORPS SYSTEMS COMMAND
2200 LESTER STREET
QUANTICO, VIRGINIA 22134-6050

INS-013-12-WF
J&A Number: 15,489

JUSTIFICATION AND APPROVAL (J&A)
FOR USE OF OTHER THAN FULL AND OPEN COMPETITION

JUSTIFICATION

1. Contracting Activity

Marine Corps Systems Command (MARCORSYSCOM)
Program Manager for Training Systems (PMTRASYS)
12350 Research Parkway
Orlando, FL 32826

2. Description of the Action Being Approved

The use of other than full and open competition, to execute a contract with Praemittias Systems LLC, 8354 Terminal Road, Suite E, Lorton Virginia, to purchase and field 100 Wolfhound (Version 10.1) electronic warfare systems in support of Operation Enduring Freedom (OEF) home station training. The estimated value of this firm-fixed price (FFP) effort is \$11,354,551.00.

3. Description of Supplies/Services

The Wolfhound electronic warfare system is a portable ruggedized electronic direction-finding tool that rapidly and accurately aids in locating ground-based radio emitters that operate in the very high frequency (VHF) and lower ultra high frequency (UHF) radio bands.

VHF and UHF frequency bands are commonly used in handheld, portable, push-to-talk (PTT) communications devices around the world. Such devices are popular in tactical environments, because they are small, easy to use, relatively inexpensive, and easy to produce. In the hands of adversaries, they are a significant threat to force protection.

Adversaries within the theater of operation use PTT radios to coordinate hostile operations against friendly forces. Handheld PTT radios that operate in the VHF and lower UHF radio frequency bands are often used to coordinate the emplacement of improvised explosive devices (IEDs), report convoy and patrol movements, direct fire on friendly positions, coordinate and trigger ambushes, and establish internal security networks.

The USMC has a critical need to detect the tactical communications of the adversary and locate all command and control (C2) nodes. The Wolfhound electronic warfare system is currently used in OEF to provide indications and warnings (I&W), conduct version 10.1 VHF/UHF push-to-talk (PTT) direction finding against insurgent communications, and has been used numerous times in concert with partnered infantry patrols to initiate kinetic strikes against enemy forces.

The rapid fielding of the Wolfhound electronic warfare systems into the theater of operation did not include sufficient pre-deployment training.

Currently, Marines receive no pre-deployment training and only a minimal amount of informal training on the Wolfhound electronic warfare system once in theater and have to rely on direct employment during combat operations to become proficient with the system. This ad hoc training does not provide a sufficient level of instruction to ensure proper utilization of the tactical system and increases the vulnerability of attack on the warfighter during missions led in hostile territory.

In accordance with the Urgent Universal Needs Statement (UUNS) #11143UA, dated 23 May 2011, the intent is to acquire 100 Wolfhound electronic warfare systems from the original equipment manufacturer, Praemittias Systems LLC, which will be identical to those already fielded in theater (version 10.1). These systems will be located aboard USMC Base 29 Palms CA, USMC Base Camp Pendleton CA, USMC Base Camp LeJeune NC, and USMC Base Kaneohe Bay Hawaii, to provide hands on Block I through Block IV training for users prior to deployment into the theater of operation.

The equipment being procured is comprised of a mission configuration package, which includes the following elements:

- a). Three (3) Wolfhound Unit Cases (includes Wolfhound unit and accessories).
- b). Mission Configuration System
- c). Battery Charger Kit
- d). Backpack Case (includes three (3) backpacks and accessories).

As a result of the proposed contractual action, PMTRASYS intends to award a FFP contract. The total estimated cost for this effort is \$11,354,551.00. Estimated funding will be distributed as follows:

(Estimated Dollar Value)				
	FY12	FY13	FY14	Total
RDT&E	0	0	0	0
OMMC	0	0	0	0
PMC	\$11,354,551.00	0	0	0
Total	\$11,354,551.00			\$11,354,551.00

4. Statutory Authority Permitting Other Than Full and Open Competition

The statutory authority permitting use of other than full and open competition is 10 U.S.C. 2304 (c) (1), as implemented by Federal Acquisition Regulations (FAR) 6.302-1, "Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements."

5. Rationale Justifying Use of Cited Statutory Authority

The tactical equipment currently fielded in the theater of operation is the Praemittias Systems LLC manufactured Wolfhound (Version 10.1) electronic warfare system. This system has already been fielded and there currently exist no pre-deployment training at the above listed locations. There is an urgent need to provide realistic and comprehensive training at various USMC

bases and stations prior to pre-deployment into combat operations in accordance with UUNS #11143UA.

Furthermore, because of the urgent requirement to field training systems that accurately represent the same equipment the warfighter will employ in theater there is a crucial time constraint driving this requirement.

Based on extensive market research the only viable solution to meet this urgent and compelling need is to field, for training purposes only, the identical system (Version 10.1) of the Wolfhound electronic warfare system that is currently being used within the theater of operation.

Praemittias is the sole manufacturer of the Wolfhound (Version 10.1) electronic warfare system and as the manufacturer of the already fielded systems they have knowledge and expertise and are uniquely qualified to produce identical systems for training purposes.

Currently there does not exist any equipment at any pre-deployment location that can adequately meet the current training requirement to provide instruction on the appropriate techniques, tactics and protocols (TTP), or for familiarization on the Wolfhound electronic warfare system itself.

6. Description of Efforts Made to Solicit Offers from as Many Offerors as Practicable

A synopsis was posted to Navy Electronic Commerce Online (NECO) on 27 April 2012 stating the intention to award a sole source contract to Praemittias Systems LLC. Praemittias is the only manufacturer of the Wolfhound electronic warfare system (version 10.1). After extensive research no other sources has been found who would be able to manufacture 100 Wolfhound units in the required timeframe to meet the training of the units to be deployed in theater.

7. Determination of Fair and Reasonable Cost

In accordance with Federal Acquisition Regulations (FAR) 15.402, the Contracting Officer along with assistance from the Defense Contract Management Agency (DCMA), the DCAA and the Program Management team, will determine that all supplies ordered under this contract are procured at a fair and reasonable cost. Audits and Independent Government Cost Estimates will be developed. Proposed prices will be compared with available prices for identical systems previously purchased by the Army in support of OEF. Cost analysis methods will be used to determine appropriate cost. Consideration will be looked at in profit for value of increased contractor cash flow, via progress payments. Possible delivery incentives will be reviewed if needed.

8. Actions to Remove Barriers to Future Competition

The actions to remove barriers to competition include:

- a) Technology will cause the currently fielded system to become obsolete within the next two years. This requirement will be satisfied through this single acquisition eliminating further need for future acquisitions in support of this effort.

- b) The USMC will determine future requirements for this capability in accordance with its normal requirements process.