



DEPARTMENT OF THE AIR FORCE
48TH RESCUE SQUADRON (ACC)
DAVIS-MONTHAN AIR FORCE BASE ARIZONA

05 May 2022

MEMORANDUM FOR 355 CONS/PKP

FROM: 48 RQS

SUBJECT: Brand Name Justification

1. Description of Action:

Acquisition in the amount of [REDACTED] for the purchase of two Mercury Verado 300Hp 4.6 V8 Engines with Dual Overhead Cams (DOHC) along with other items as listed in the quote to repower the 48th RQS Muson Safety Boat.

2. Description of supplies/services:

The 48th RQS is requesting a firm fixed price open market purchase order for the procurement of two Mercury Verado 300 V-8 Outboard Engines and applicable parts to replace the aging Outboard Engines on our Munson boat. All parts purchased must be compatible with current equipment used along with operational procedures that comply with Air Force regulation/directives for Diving Operations and the Maintenance of these items.

3. Authority:

- A. AFI 10-3504 AF Dive Program
- B. AFI 11-410 Personnel Parachute Operations
- C. AFI 13-217 Drop Zone and Landing Zone Operations
- D. USSOCOM 350-4V1 SOF Baseline Combat Dive Training Standards
- E. NAVSEAINST 4790.38C Ships' Maintenance and Material Management (3M) Manual
- F. HQ ACC Personnel Recovery & Joint Integration Division (AJ3) Performance Work Statement (PWS) for Dive Locker and Maritime Maintenance Contract
- G. Maintenance Index Page Control Number: 8533/P85-A1

4. Applicability of Authority:

Mercury is the only vendor to offer a V8 Outboard Engine that meets all of our requirements. The safety boat must be a powered, highly maneuverable craft to facilitate rapid recovery and transportation in the event of a diver or parachutist in distress or other emergencies IAW AFI10-3504 and AFI11-410. Furthermore, HQ ACC Personnel Recovery & AJ3 are responsible for designating personnel to head the Maritime Program across all ACC rescue units. There are no AFSCs relating to maritime nor maritime maintenance in the Air Force. IAW the PWS, chapter 1.19 set for *Guardian Angel Boat Operators/Small Engine Technicians, Maintenance and Maintenance Support*. The Contractor shall: Schedule, direct, and monitor the 3M system while keeping abreast of changes/directives issued by the US Navy. Administer and perform all daily, weekly, monthly, quarterly, and annually or greater

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RESCUE & ATTACK!

3M maintenance requirements for assigned maritime-related equipment maintenance must comply with the NAVSEAINST 3M System. The 48 RQS as well as all other Rescue Units located on Davis Monthan AFB continue to maintain their maritime equipment IAW the US NAVY 3M system. This system has outlined Mercury V6/V8 Outboard Engines as the approved Manufacturer as listed on the Maintenance Index Page 5833/P85-A1.

5. Efforts to Obtain Competition:

The Mercury engine is the only vendor that provides a 300Hp V8 Engine that meets emergency safety requirements. The V8 engine provides greater acceleration than a V6 that has the same horsepower rating specifically under heavy load. Other competitors make engines that exceed the maximum power rating for the Munson boat, provide insufficient acceleration, or are not contained with the US Navy 3M system.

6. Fair and Reasonable Cost:

The cost of the Mercury Verado 300 Hp V8 Outboard Engines with all applicable parts and accessories is fair and reasonable based on the technical specifications required to produce ongoing technical support for these systems. This system satisfies and is in compliance with GSA purchase requirements.

7. Market Survey:

Other vendors were researched in an attempt to provide open market competition with the same specifications required. Research results yielded that no other vendors offer an outboard engine that fulfills the necessary specs required by the US NAVY 3M system, AF Dive Program and the 48 RQS.

8. Any other Facts Supporting the Use of Other Than Full and Open Competition:

At the present time Mercury is the only company that provides the required systems needed and is authorized for military use.

9. Interested Sources:

At this time Mercury is the only interested source due to the fact they are the only company with the ability to fulfill this requirement.

10. Steps to Foster Competition:

It is the goal of the 48th Rescue Squadron to utilize the most efficient and affordable services in an effort to repower the safety boat in a timely manner.

I hereby certify that the above justification is accurate and complete to the best of my knowledge and belief.

5/5/2022

Approved

X Ryan Pearce

Lt Col Ryan Pearce

Commander

Signed by: USAF

Contracting Officer's Certification: This justification letter is certified as accurate and complete to the best of the contracting officer's knowledge and belief.

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JOSHUA LEWIS, SSgt, USAF

Contracting Officer