

## Statement of Work Electrical/Mechanical Services 2013

### The Requirement:

The Engineering and Technology Department (ETD) of the Centre for Maritime Research and Experimentation (CMRE) will use contractor support to provide the following services:

- Production of mechanical parts in metal or manmade materials such as PVC, using CMRE's machine shop tools (lathes, drills grinders saws etc) working from drawings or sketches, with minimal supervision.
- Produce molded assemblies such as hydrophones and electronic circuits using thermosetting polymer materials (typically epoxide or polyurethane based), at CMRE's potting facilities.
- Provide wiring/soldering services (typically sensor array wiring).
- Maintain CMRE's acoustic calibration tank.

### Required Qualifications:

The proposed specialist must possess the following specific qualifications, to be proven through the submission of a detailed curriculum vitae, addressing all the criteria's listed below and complete with supporting documentation as appropriate. As part of the evaluation process, the CMRE may require the prospective contractor to attend an interview, in order to prove capabilities and actual knowledge.

Proven experience in the following:

- Molding/encapsulation of hydrophones and small electronic assemblies using thermosetting polymers.
- Production of small, precision components in metal or plastic, using workshop machinery.
- Wiring/soldering of underwater sensor systems.

The working language is Italian, but the candidate should possess the ability to express himself/herself in English to an elementary level.

Be a citizen of a NATO member nation.

**Estimated level of Effort:** The contract will be based on a fixed hourly rate for an estimated level of effort of 1400 hours.

**Contract Validity Term:** from **date of award** (expected in Jan 2013) to **31 December 2013**.