



SCIENCE AND TECHNOLOGY ORGANIZATION  
CENTRE FOR MARITIME RESEARCH AND EXPERIMENTATION



La Spezia, 18 November 2020

**SUBJECT: Request For Information (RFI) no. CMRE-20-005, for the establishment of Blanket Purchase Agreements (BPAs) for the provision of Electromechanical Components, Tools and Equipment to the NATO STO CMRE in La Spezia, Italy.**

Ladies and Gentlemen,

1. The NATO STO Centre for Maritime Research and Experimentation (CMRE) located in La Spezia, Italy - intends to establish one or more Blanket Purchase Agreements (BPAs) for the provision of Electromechanical Components, Tools and Equipment.
2. The purpose of this letter is to invite your company to manifest its interest in negotiating a BPA with CMRE, proposing availability, applicable pricing discounts if any, delivery terms etc. relevant to any or all of the categories of supplies described in the attached "Requirements Description" document.
3. A BPA is a simplified method of filling anticipated repetitive needs for basic supplies or services by establishing "charge accounts" with qualified sources of supply. A BPA is a written agreement, not a contract, since no commitment to purchase and neither to sell exists between the parties until an actual order is placed by CMRE (preferably on-line or via email or over the phone), referencing the agreed BPA's terms & conditions, prices, discounts (if any), invoicing terms, etc.
4. Multiple BPA awards are possible and envisioned. The intent is to award a BPA to those firms who submit an acceptable proposal in terms of quantity, quality, price and delivery relevant to the supplies described in this RFI. BPAs will be in a number determined by the Contracting Officer to meet CMRE's annual supply needs.
5. Award of the BPA(s) is expected by end of December 2020. The duration of the BOA(s) will be of one base year (from Jan to Dec 2021), plus two possible options years (2022-2023).

6. The BPA(s) and resulting orders will be governed by the applicable STO CMRE Procurement Contracts Standard Terms & Conditions (available for view and download at: [https://www.cmre.nato.int/images/stories/procurement/cmre\\_standards\\_procurement\\_contracts\\_tcs\\_july2016.pdf](https://www.cmre.nato.int/images/stories/procurement/cmre_standards_procurement_contracts_tcs_july2016.pdf)), the special conditions outlined below and any other vendor proposed clause if accepted by CMRE.
7. Special Conditions:
- TAX & Duties: Please note that the NATO STO CMRE is exempt from payment of all duties and taxes (including VAT) on expenditures.
  - Eligibility: The Supplier shall have administrative headquarters and operational units in a NATO member nation.
  - Annual Ordering Amounts: While no obligation exists for the CMRE to order any minimum quantity of supplies, each BPA will show a maximum annual ordering value amount based on the type of commodities offered by the Supplier and CMRE's requirement estimate and budget availability. While the precise value amounts of each BPA cannot be set at this stage, they are expected to range between 10 and 50K Eur each. No individual transaction under future BPAs is expected to exceed 20K Eur in value.
  - On-line Ordering: A suitable online purchase service (e-Commerce) shall be available for the entire catalogue of Supplies of each Contractor.
  - Language: The online ordering system and the customer care services should be available in English or Italian.
  - Delivery: The standard delivery time (from Contractors to CMRE premises) should be 36 (+-12) hours from the online order placement, for the entire catalogue of Supplies. This time does not account for possible additional time, required for customs clearance and other similar administrative actions.
  - Place of Delivery: The standard delivery place will be the NATO STO CMRE premises, Viale San Bartolomeo 400, 19121 La Spezia, Italy; occasionally, a different delivery place could be requested, to support on-field Centre's operations.
8. If interested in being awarded a BPA, please reply via email to this RFI by proposing availability of your company's on-line catalogues, and/or other relevant product literature, proposed discounts and delivery terms by **Wednesday 9 December 2020**.

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ELECTROMECHANICAL COMPONENTS, TOOLS AND EQUIPMENT

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9. Point of contact for this RFI is Ms. Giovanna Demi ([Giovanna.Demi@cmre.nato.int](mailto:Giovanna.Demi@cmre.nato.int);  
[Contracting@cmre.nato.int](mailto:Contracting@cmre.nato.int)).

Regards,

*Sara G.C. Stephens*

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Attachment(s):

- "Requirements Description for fast delivery suppliers of Electromechanical Components, Tools and Equipment" document.

*For Business Opportunities and info, visit CMRE's Procurement web-  
site at: <http://www.cmre.nato.int/index.php/procurement/general-information>*

**REQUIREMENTS DESCRIPTION  
FOR FAST DELIVERY SUPPLIERS OF  
ELECTROMECHANICAL COMPONENTS, TOOLS AND EQUIPMENT**

- A. **General description:** The purpose of this document is to outline to prospective commercial Suppliers a description of the Technical Requirements for the supply and fast delivery of electromechanical components, tools and equipment, to the Engineering Department (ED), at the NATO Centre for Maritime Research and Experimentation (CMRE) located in La Spezia - Italy.
- B. **Description of Supplies:** The supplied items will be electronic components; electrical, automation, control, test and measurement equipment; engineering tools; consumables. A typical directory of supplies will include four main categories:
1. ***Electronics, Components and Connectors***
  2. ***Electrical and Automation, Components and Cables***
  3. ***Electromechanical, Products and Tools***
  4. ***Test Equipment***

The above categories will include the following sub-categories and items:

1. ***Electronics, Components and Connectors:***
  - a. Batteries
    - i. Battery Chargers
    - ii. Non-Rechargeable Batteries
    - iii. Rechargeable Batteries
  - b. Connectors
    - i. Audio and Video Connectors
    - ii. Circular connectors
    - iii. Connector Tools and Accessories
    - iv. Rectangular Connectors
    - v. IC Sockets
    - vi. Magnetic Connectors
    - vii. Mains and IEC Connectors
    - viii. Network and Telecom Connectors

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- ix. PCB Connectors
- x. Power Connectors
- xi. RF & Coaxial Connectors
- xii. Smart Connectors
- xiii. Terminal Blocks and DIN Rail Terminals
- xiv. Terminals and Splices
- xv. USB, D-sub & Computing Connectors
- c. Displays and Optoelectronics
  - i. Industrial Displays and Monitors
  - ii. Fibre Optic Components
  - iii. IR Emitters & Receivers
  - iv. Laser Modules & Components
  - v. LED Indicators & Accessories
  - vi. LED Lighting Systems and Components
  - vii. Optocouplers, Photodetectors & Photointerrupters
- d. Passive Components
  - i. Capacitors
  - ii. Ferrite Cores
  - iii. Fixed Resistors
  - iv. Inductors
  - v. Passive Filters
  - vi. Rotary Encoders
  - vii. Sounder, Buzzer & Microphone Components
  - viii. Surge Protection Components
  - ix. Variable Resistors
- e. Power Supplies & Transformers
  - i. DC-AC Power Inverters
  - ii. DC-DC Converters
  - iii. Power Conditioners
  - iv. Power Supplies - PSUs
  - v. Power over Ethernet

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- vi. Transformers
- vii. Uninterruptible Power Supplies - UPS
- f. Semiconductors
  - i. Amplifiers & Comparators
  - ii. Audio Processor Circuits
  - iii. Clocks, Timing & Frequency Control Circuits
  - iv. Crystals, Oscillators & Resonators
  - v. Data Converters
  - vi. Discrete Semiconductors
  - vii. Display Drivers & Controllers
  - viii. Interface ICs
  - ix. Memory Chips
  - x. Power Management ICs
  - xi. Processors & Microcontrollers
  - xii. Programmable Logic Circuits
  - xiii. Radio Frequency & Microwave Circuits
  - xiv. Semiconductor Development Kits
  - xv. Sensor ICs
  - xvi. Standard Logic
  - xvii. Video Processor Circuits

2. Electrical and Automation, Components and Cables:

- a. Automation and Control Gears
  - i. Circuit Protection & Circuit Breakers
  - ii. Contactors
  - iii. Control Relays
  - iv. Electric Motors, Motor Controllers & Peripherals
  - v. Industrial Push Buttons, Pilot Lights & Control Stations
  - vi. Industrial Switches
  - vii. PLCs, HMI & Data Acquisition
  - viii. Panel Meters & Components

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- ix. Sensors & Transducers
- x. Solenoids
- xi. Temperature Control & Process Heating
- xii. Timers & Counters
- b. Cables and Wires
  - i. Audio & Video Cables
  - ii. Cable Accessories, Ties & Tools
  - iii. Cable Conduit, Trunking & Routing
  - iv. Cable Glands, Strain Relief & Grommets
  - v. Coaxial Cables
  - vi. Computer Cable Assemblies
  - vii. Electrical Power & Industrial Cable
  - viii. Network & Communication Cable
  - ix. Ribbon & Flat Cable
  - x. Wire & Single Core Cables
  - xi. Wire to Board Cable Assemblies
- c. Enclosures, Storage and Material Handling
  - i. 19-Inch Racking & Brackets
  - ii. Cabinets and Doors
  - iii. Enclosures
  - iv. Knobs, Equipment Handles & Hand Wheels
  - v. Modular Structural Systems & Handrails
  - vi. Transit & Equipment Cases
  - vii. Electromechanical Workshop Equipment
- d. Fuses, Sockets & Circuit Breakers
  - i. Circuit Breakers
  - ii. Electrical Installation Accessories
  - iii. Fuse Holders
  - iv. Fuses & Tools
  - v. Lightning Protection
- e. Fans and other Thermal Management Components

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- i. Electronics Heating & Cooling
- ii. Electronics Humidity & Pressure Control Devices
- iii. Fans & Accessories
- f. Lighting
  - i. Indicators & Indicator Components
  - ii. Infrared Lamps
  - iii. LED Lamps
  - iv. UV Lamps
- g. Relays
  - i. General Purpose Relay & Accessories
  - ii. Interface Relay Modules & Accessories
  - iii. Reed Relays
  - iv. Solid State Relays & Accessories
- h. Switches
  - i. DIP & SIP Switches
  - ii. Hall Effect Switches
  - iii. Joystick Switches & Accessories
  - iv. Key Switches & Accessories
  - v. Keyboard Switches & Accessories
  - vi. Keypads & Accessories
  - vii. Micro switches & Accessories
  - viii. Modular Switches & Accessories
  - ix. Piezo Switches
  - x. Push Button Switches & Accessories
  - xi. Reed Switches & Accessories
  - xii. Rocker Switches & Accessories
  - xiii. Rotary Switches & Accessories
  - xiv. Slide Switches & Accessories
  - xv. Thumbwheel Switches & Accessories
  - xvi. Toggle Switches & Accessories



3. Electromechanical Products and Tools:

- a. Engineering Materials
  - i. Carbon Fibre & Felt Sheets
  - ii. Ceramic Rods, Sheets & Beads
  - iii. Copper Rods, Sheets & Bars
  - iv. Insulation Materials
  - v. Plastic Rods, Sheets & Tubes
  - vi. Rubber Sheets
- b. Adhesives, Sealants and Tapes
  - i. Adhesives
  - ii. Pottings Compounds
  - iii. Glues
  - iv. Sealants
- c. Fasteners & Fixings
  - i. Channel Support Systems
  - ii. Clips
  - iii. Fastener Kits
  - iv. Magnets & Magnetic Strips
  - v. Miniature and Plastic Nuts & Washers
  - vi. Miniature and Plastic Screws & Bolts
  - vii. Sheet Metal & Panel Fasteners
  - viii. Spacers & Standoffs
- d. Electromechanical tools
  - i. Cable & Connector Tools
  - ii. Magnetisers
  - iii. Mini Power Tools
  - iv. Pliers
  - v. Positioners & Retrieval Tools
  - vi. Screwdrivers & Screw Extractors
  - vii. Soldering & De-soldering Tools

4. Test Equipment:

- a. Test and Measurement Equipment
  - i. Bench Power and Power Measurement
  - ii. Electrical Test Equipment
  - iii. Electronic Component Testing
  - iv. Laboratory Equipment
  - v. Level & Angular Measurement
  - vi. Linear Measurement
  - vii. Multimeters & Accessories
  - viii. Oscilloscopes & Accessories
  - ix. Power Measurement
  - x. Pressure Measurement
  - xi. RF Test Equipment & Accessories
  - xii. Rotational Measurement
  - xiii. Signal Generators & Analysers
  - xiv. Sound & Vibration Measurement
  - xv. Temperature Measurement
  - xvi. Test Connectors
  - xvii. Test Leads
  - xviii. Weight & Force Measurement

*(End of Requirement Description Document)*