



REQUEST FOR INFORMATION 2026/028040

«Variable depth sonar»

Contents

1 Introduction.....	3
1.1 ABOUT THIS RFI	3
2 Project description	3
2.1 CONCEPT DESCRIPTION.....	3
3 Requested Technical Information.....	3
3.1 MINIMUM TECHNICAL REQUIREMENTS TO THE SYSTEM	3
3.1.1 Vessel.....	3
3.1.2 Functional requirements.....	3
3.1.3 Sensor data	4
3.1.4 System architecture and security	4
4 Requested technical information for items	4
5 Requested commercial information	4
5.1 PRICE INFORMATION	4
5.2 DELIVERY	4
5.3 OTHER COMMERCIAL INFORMATION.....	4
6 Information Date	4
7 Administrative Regulations	5
8 Point of Contact (POC).....	5
All communication shall be addressed to:	5

1 Introduction

The Norwegian Defence Materiel Agency (NDMA) is responsible for the procurement of equipment to the Armed Forces of Norway. NDMA is in the process of starting a project to procure ASW sonars for use on smaller vessels in a coastal setting along the Norwegian coast. In this matter, we are looking into different ASW sonars, such as dipping sonar and towed array sonars. The system should be modular, making it possible to move between vessels.

1.1 About this RFI

The purpose of this Request for Information (RFI) is to provide the NDMA with more knowledge of the market with respect to potential suppliers, technical performance, price and lead times for the delivery of an ASW sonar that can solve our needs. The gathered information will be used to determine the project feasibility, as well as defining functional requirements, budget, and time frame. This RFI is interested in responses from Original Equipment Manufacturers (OEM) only.

NDMA appreciates the response from companies who have Sonar Systems that potentially can solve our needs. We thank you for the time you are willing to use to provide us with information.

2 Project description

The project “P1140 Modular systems for maritime surveillance and control” will acquire modular systems for surveillance, monitoring and control in the underwater domain. The project delivers a flexible capability set for the continuous surveillance of the Norwegian maritime environment, with particular emphasis on the detection of dynamic objects in the water column. The project is currently in the preliminary phase.

2.1 Concept description

The vessels will operate near the coast and possibly inside the fjords along Norway. The concept is a system for modular ASW sonar, possibly with autonomy in sonar deployment/recovery and operations. The arrangement provides persistent monitoring of dynamic underwater objects in priority coastal zones, enables rapid data transfer for situational awareness, and supports simultaneous operations.

3 Requested Technical Information

P1140 seeks variable depth sonars, such as dipping or towed array sonars, that could be used as a modular system.

3.1 Minimum Technical Requirements to the System

3.1.1 Vessel

The sonars shall be mounted onto vessels that are maximum 30 meters in length at the water line.

3.1.2 Functional requirements

The sonars must support both doppler-sensitive and doppler-insensitive waveforms, as well as have sufficient angular resolution for tracking of dynamic underwater objects. For towed array sonars this includes being able to resolve the port side and starboard side ambiguity. The operational frequency band should additionally be sufficiently wide, to support the simultaneous operation of at least two sonars in the same area, without pulse interference.

The sonars must be performant in the underwater environments typically found in Norwegian coastal waters, which are characterized by irregular bottom features and diverse sediment types that result in considerable reverberation. Under such littoral conditions, the sonars should be able to make long-range detections of dynamic objects in the water column.

The sonars should primarily be optimized for active mode, but should also be possible to use in passive mode for passive underwater detection and classification.

3.1.3 Sensor data

All sensor data, including format specifications, must be made available to the end user, both in real time during operations, and in recordings. This includes both acoustic and non-acoustic sensor data, and meta-data. On data delivery, sufficient additional technical information should be made available to the end user such that a full independent sonar-processing chain can be implemented if necessary.

3.1.4 System architecture and security

The system shall be accredited Secret (HEMMELIG) according to Norwegian Security Act with regulations (Lov om nasjonal sikkerhet med forskrifter).

A key feature for the security solution is secure gateways between domains of the high classified system and the low classified sensor and auxiliary systems. Note that separation of sensor data and metadata before transferring to the secure domain is important, because consolidation of this data increases its value.

4 Requested technical information for items

Please fill in the requested specifications and descriptions in the attached Appendix 1, technical information sheet. If you want to provide information for more than one product, please submit Appendix 1 for each product. Please provide additional information such as datasheet, flyers etc, if relevant.

5 Requested commercial information

5.1 Price information

Please fill in the commercial information in Appendix 1, commercial information sheet.

5.2 Delivery

Please fill in the commercial information in Appendix 1, commercial information sheet.

5.3 Other commercial information

Please fill in the commercial information in Appendix 1, commercial information sheet.

6 Information Date

The requested information shall be sent in Merccell as soon as possible and not later than 28 August 2026.

7 Administrative Regulations

The following administrative regulations shall apply:

- The requested information will only be used for internal purposes in NDMA / Norwegian Armed Forces and will not be made available to any third party.
- The prices will not be binding for your company.
- Neither the Request for Information, nor the submission of the information, shall in any way commit the NDMA to enter into a contract with your company, or involve NDMA in any financial commitments. NDMA will not under any circumstances refund your company any of the costs arising from providing the requested information.

8 Point of Contact (POC)

All communication shall be addressed to:

Commercial POC	Royce H. Joseph
Mobile phone	+47 92 49 11 65
E-mail	rjoseph@mil.no

All written communication shall be in either the Norwegian or English language.