

Tender Document

**Invitation for open tender procedure for rental of
a research-vessel to host a research-cruise
for the MAREANO-project on behalf of the
Institute of Marine Research, Norway**



**Project No.: 15312
Case No.: 21/02903**



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1. APPENDICES

Appendix No.	Attached documents
Appendix 1	Contract dokument with attachments Attachment 1 Specifications and Criteria with tenders answer: "Bid-File" from Merzell Attachment 2 Self-declaration HSE Attachment 3 Self-reporting Wages and working conditions (3 pages) Attachment 4 Changes to the delivery after entering the contract
Appendix 2	Self-declaration Wage and working conditions (1 page)
Appendix 3	Declaration of commitment

2. ABBREVIATIONS AND EXPRESSIONS

The following abbreviations, names and expressions are used in the tender documents:

Abbreviation	Explanation
The Procurement Act	Norwegian Public Procurement Act of 17 June 2016, No. 73
The Public Procurement Regulations	Norwegian Public Procurement Regulations of 12 August 2016 No. 974
The Freedom of Information Act	Norwegian Freedom of Information Act of 19 May 2006, No. 16
The Public Administration Act	Norwegian Public Administration Act of 10 February 1967, No. 9
DOFFIN	Database for Public Procurement National database of public procurements
TED	Tenders Electronic Daily European database of public procurements
Mercell	The customer uses the Merzell tender management tool to manage the tender competition.
Tender documents	The common term for the announcement and the procurement document with attachments.

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3. THE ASSIGNMENT

3.1. Contracting Authority

The Contracting authority for this acquisition is the Institute of Marine Research (IMR), Norway.

The Norwegian Institute of Marine Research is also acting on behalf of the following contracting authorities: Norwegian Mapping Authority and The Geological Survey of Norway.

With more than 1000 employees, IMR is Norway's largest Centre of marine science. Our main task is to provide advice to the Norwegian authorities on aquaculture and the ecosystems in the Barents Sea, the Norwegian Sea, the North Sea and the Norwegian coastal zone. For this reason, about fifty percent of our activities are financed by the Norwegian Ministry of Trade, Industry and Fisheries.

IMR's headquarters are in Bergen, but important tasks are also carried out in our department in Tromsø, and at the research stations in Matre, Austevoll and Flødevigen. In addition, IMR has several vessels at its disposal, both owned and rented ones.

More information about the IMR can be found at www.hi.no

3.2. The acquisition applies to

This acquisition request concerns the rental of a research vessel with ROV to carry out a MAREANO research-cruise in 2022 in the Barents Sea north of Svalbard and in the Kvitoy area with a duration of 3 to 4 weeks, in the period August-September. The start and end of the cruise will be in Tromsø, Norway.

The contracting authority requires a minimum duration of 3 weeks for the research cruise, but still wants the opportunity to extend the duration by up to one week. The tenders must state how many extra days the parties can agree to extend the cruise with. The duration of the cruise is determined at the latest at the conclusion of the contract.


This request requires a ROV with HD camera and a minimum depth of 1500 meter. ROV must be operated by the supplier and available for operation 24 hours a day, 7 days a week.

The research area of interest is north of Svalbard (79°N to 81°N and 7°E to 30°E). Mob/demob of client personnel and equipment is at Tromsø city (69°N 19°E)

See the tender specifications in Merccell for further information.

3.3. MAREANO Program

The MAREANO research cruise aims to map the geological, biological and chemical environment of the seabed to generate knowledge for use in national management

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plans for Norwegian marine areas according to current identified mapping needs. Knowledge from the MAREANO project is continuously being published, including at www.mareano.no.

The MAREANO program is interdisciplinary and cross-institutional, and the survey is carried out in collaboration with the Norwegian Mapping Authority (Kartverket), the Norwegian Geological Survey (NGU) and the Institute of Marine Research (IMR). The MAREANO program is led by a cross-institutional program group, while the steering group is made up of five government ministries.

The mapping of geological, biological and chemical seafloor environments is carried out in areas where the MAREANO program has already acquired high-resolution depth maps through the Mapping Authority. Geological, biological and chemical mapping is carried out using several types of tools such as bottom grabs, multi-core samplers, beam trawl, epibenthic sledge, seafloor video recording, as well as bottom penetrating echosounder and CTDs/water collectors.

The seafloor video recording has been conducted by either a client supplied towed HD video rig or use of a work class ROV (minimum 1500m) with HD camera.

3.4. Duration of the contract

The contract is for a minimum of 21 days research-cruise.

The tender must also state how many extra days between 1 and 7 the tender can allow the cruise to be extended by.

The total length of the cruise will be determined at the latest at the conclusion of the contract.

Time for mobilization and demobilization is in addition to the cruise time.

The research-cruise must be completed in the period between 1 August to 30 September 2022. Preferably between 15th August and 15th September.

3.5. Amount of the acquisition


The acquisition is for one research vessel to undertake one research cruise with a duration of 3 to 4 weeks in 2022 in the period August-September.

It is not possible to tender for only parts of the project.

3.6. The Contracting Authority's Reservations

The contracting authority reserves the right not to conduct the competition on the following terms:

- Reservations are made for budgetary coverage for the completion of the procurement.

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- Reservations are made for changes in volume, among other things on the basis of budget, political guidelines, competitive tendering of services, the client's activities and / or organization.

The contracting authority reserves the right to inspect the vessel and check relevant documentation before the start of the cruise.

3.7. Use of subcontractors

Use of subcontractors is permitted. If subcontractors will be used, be sure to complete Appendix 3.

In Appendix 3, the tender must provide information regarding the subcontractors that will be used and their involvement in the contract.

If tenders need the support of other businesses to meet the requirements in terms of economic and financial capacity and/or technical or professional qualifications, this should also be included in Appendix 3.

3.8. Tender documents

The attached contract applies to this procurement. The contract refers to contract documents with relevant appendices and attachments. Tenderers must acquaint themselves with the terms and conditions of the contract and the other tender documents.

4. IMPLEMENTATION OF THE COMPETITION

4.1. Regulations


The procurement is subject to The Procurement Act and The Public Procurement Regulations, section I and III.

4.2. Contract notice

The contract notice is found in DOFFIN (www.doffin.no), TED (www.ted.europa.eu) and in Merccell.

4.3. Procedure

This is an open tender procedure, which means that all interested tenders can submit tenders. The tenders must submit the requested documents at the same time when they submit the rest of the tender.

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The tender cannot be modified after the tender deadline or be changed through negotiations. If anything is unclear in the tenders, the Contracting Authority has the opportunity to request clarifications, provided that the ambiguous parts do not imply that the tender must be rejected according to the Norwegian Public Procurement Regulations.

If the tender appears to contain errors, ambiguities or omissions, the Contracting Authority can request the tenderers to clarify these issues within a short additional deadline. However, supplemental information/clarification should not result in an improvement of the tender as this would be in violation of the general prohibition against negotiations which applies when conducting an open tender procedure.

4.4. Language

The tender and all communication, both during the competition and the contracting phase, shall be conducted in English or Norwegian.

4.5. Changes to the procurement document


If necessary, the Contracting Authority can make minor corrections, additions or changes to the procurement document prior to the tender deadline. These types of corrections, additions or changes will be sent to everyone who has registered interest in the tender competition in Mercell. If the competition is revised, it will be shown as a new version of the competition.

4.6. Communication and providing information

Confirmation of participation in the competition must be done electronically in Mercell. Click on the tab 'Submit tender' and then click the button 'I want to submit a tender' or 'I do not wish to submit a tender.' This is only meant to be an indicator for the Contracting Authority of the number of tenders that can be expected, and it is not binding upon the tender.

All communication in this process must be conducted via the Mercell portal so that it can be logged. If tenders have questions about the competition or discover errors in the tender documents, these inquiries should be communicated via Mercell. Select the "Communication" tab. Then click at the "new message"-icon and write your message. Then click the "Send" -icon. The Contracting Authority will then receive the message.

If the Contracting Authority receives messages that affect all tenderers, the questions will be anonymised, answered and made available to all tenders who have expressed interest in the competition. The communication system in Mercell will also be used by the Contracting Authority when making changes to the competition.

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In terms of additional information, this is displayed via the “Communication” tab in the Merrell portal.

4.7. Deviations by the tenderer

Any reservation or deviation to the requirements for the procurement (specification / technical specification) or the terms of the Contract must be clearly specified in the tender. The reservations/deviations must be precise and unambiguously specified and must enable the Contracting Authority to evaluate the reservations/deviations and estimate the costs for these reservations/deviations without contacting the tenderer. When evaluating the tenders, reservations and/or deviations may result in additional costs being added to the tender price.

Tenders that contain significant reservations/deviations from the procurement documents will be rejected. Significant reservations/deviations are for instance:

- Reservations/deviations from specified requirements for the procurement (specification / technical specification)
- Extensive reservations/deviations towards the contract terms
- Reservations and/or deviations that cannot be calculated in terms of cost
- The tenderer's requirement to use its own (tenderer's) delivery and/or sales terms
- Lack of acceptance of the Contracting Authority's General Conditions of Purchase, such as delivery terms, payment terms, etc.
- Several minor reservations/deviations which collectively must be considered as significant
- Reservations and/or deviations that prevent the Contracting Authority from being able to compare the deviating tender with other tenders

It is recommended that tenderers pose clarifying questions instead of making reservations/deviations to the tender documents. Be advised that there is a deadline for asking questions.

4.8. Alternative tenders


Alternative tenders will not be accepted and will not be evaluated.

4.9. Cancelling the competition

The Contracting Authority may cancel the tender competition effective immediately if there are reasonable grounds.

4.10. Costs for participating in the competition

The tender must bear all the costs of participating in the competition.

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4.11. HSE

Compliance with HSE requirements set by the Shipping Department. The client's shipping department is ISO 9001 and ISO 14001 certified and works continuously to improve the quality of our services and reduced emissions to the environment. Suppliers to the Client are expected to contribute to this work. Documentation requirements:

- 1) Valid Maritime Certificate / Vessel Instructions for fishing and catching vessels issued by the Norwegian Maritime Directorate for the relevant trade area.
- 2) Confirmation that the Contract - Appendix 2 «HSE provisions» has been read and accepted.

Also applies to any subcontractors who directly contribute to fulfilling the contract.

4.12. Wages and working conditions

The contract will contain requirements for pay and working conditions, documentation and sanctions in accordance with the regulations on pay and working conditions of 8 February 2008 no. 112.

The offer must be accompanied by a signed self-declaration regarding the tender's salary and working conditions for its employees. Appendix 2, Self-declaration Wage and working conditions (1 page)


The Tender / shipowner who is awarded the contract must also fill in a self-report form, no later than 1 month after the contract is entered, unless otherwise agreed. Contract - Attachment 3, Self-reporting Wages and working conditions (3 pages).

4.13. Public access to the tender documents

The Contracting Authority will keep the procurement protocol and the tenders received in the competition shielded from public view until the winning tender is chosen. Thereafter, only the information in the tenders that is considered trade secrets or personal information subject to confidentiality is exempt from public access.

The Contracting Authority will perform an independent assessment of the existing documents when determining the required level of access. Public access to the tender documents is permitted pursuant to the Freedom of Information Act, the Public Administration Act and the Public Procurement Regulations.

The Freedom of Information Act does not require consent to be obtained to provide access.

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5. QUALIFICATION CRITERIA

Qualification criteria are minimum requirements towards the tenderers and is set to ensure the tenderer's suitability to execute the procurement in question and to fulfil the contract terms. The qualification criteria are listed in Merccell.

In Merccell the term "qualification criteria" is referred to as "qualification demands".

The qualification criteria are listed in Merccell.

In order to have your tender evaluated, the tenderer must fill in the electronic self-declaration form, European Single Procurement Document (ESPD). The ESPD must be submitted together with the tender to show that the tenderer is fulfilling the qualification criteria and that there are no reasons for rejecting the tenderer.

Prior to awarding the contract, the selected tenderer will be asked to provide updated documentation regarding fulfilment of the qualification requirements.

More information on the ESPD is found here: <https://ec.europa.eu/tools/espd>


6. SPECIFICATION

The specification describes the requirements for the product. These are also known as technical specifications.

The Contracting Authority has specified requirements for the goods and/or services to be procured. The requirements specified are minimum requirements that must be fulfilled. If a requirement is not fulfilled, the rejection provisions in the Public Procurement Regulations will apply.


The specification is set out in the tender specifications in Merccell. In Merccell the term "requirement" is used for the specification / technical specification.

Nr	Specification - Tender must meet the following requirements: Requirements for vessels are documented in the form of written statements, technical documentation and drawings (GA) for vessels and equipment.	
1.	General characteristics	
1.1.	Certificates	The vessel must have valid certificates and classification for the vessel and equipment including radio equipment and required GNSS compass for operating in the high seas and waters up to approx. 81° N north of Svalbard.
1.2.	Operation in ice	The vessel must be able to operate in Arctic waters during summer/autumn conditions with easy ice conditions. Minimum ice class 1D or ICE-C.

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1.3.	Cruising speed	The vessel must be capable of cruising in open sea at 10 knots or more.
1.4.	Endurance	The vessel must be able to operate continuously on a mission for at least 30 days.
1.5.	Duration	The vessel must be available for 3 consecutive weeks, plus the extra days the provider will be able to offer to extend the cruise with. Time for mobilization and demobilization and transit shall not be included in the cruise time. It must be stated how many days the cruise can be extended by.
1.6.	Availability	The vessel must be available for the offered duration during the periode between 1st August - 30th September 2022. Time for mobilization and demobilization is in addition to the cruise time. Available period must be stated.

2.	Indoor workspace and storage	
2.1.	Workspace for video acquisition	The vessel must have the following indoor workspace for seafloor video acquisition: a) Workspace for live video analyses for minimum 4 people (Video acquisition workspace), equipped with good chairs and work surfaces (desk), space for two large (50") screens, a video rack (60x60x100cm), a control unit (60x40cm) and two laptop PCs. b) The ability to connect to the ship's GPS position, ROV position, station patches, depth info etc. c) Good communication abilities between scientific personnel in the Video acquisition workspace, the ROV pilots, and the Officer Of the Watch (OOW) on the bridge.
2.2.	Office space	The vessel must have an office space with network, printer and internet, including tables for at least 2 people who have brought their own computers.
2.3.	Laboratory space	The vessel must have the following lab space available: - A wet lab and a dry lab for handling collected material (sediments, chemistry and biology) in close proximity to each other (or combined), and close to the area where the gear comes on deck (especially the multi-corer). - Access to bench space, 230V 50/60Hz electrical power, networks and vessel position information screens. - The lab area must be large enough workspace for geology, biology and chemistry tests, for a total of 5 people. Lab space can be divided into several rooms.

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2.4.	Indoor storage	The vessel must have indoor storage space for equipment approx. 25 m ² , or alternatively space for one 20' (or two 10') container(s), including workspace for opening container doors and handling equipment in and out of the container(s).
2.5.	Cold Storage	The vessel must have cold storage space for samples in a cold room or fridge and a freezer compartment, with approx. volume freezer space: 1 m ³ .

3.	Deck equipment	
3.1.	Trawl deck	The vessel must have a trawl deck or other functional facilities for hauling and setting of the epibenthic sledge and beam trawl.
3.2.	Winch - wire	<p>The vessel must have winches and wire for benthic sampling, both towing beam trawl and benthic sledge, and vertical deployment over the side of van-Veen grab and multi-corer down to a depth of 1500 m.</p> <ul style="list-style-type: none"> - Winches to be equipped with wire to attach sampling equipment, and with loading capacity sufficient for lifting from the bottom. - The length of the towing trawl (small beam trawl) and sledge wire must be 3 x the depth, (approximately 4.000-4.500 meters). - Winch for launching grabs, multi-corer and gravity corer over the side amidships. - Winch for launching CTD and water sampling rosette over the side amidships. - Lift height over deck must be more than 3.5m
3.3.	Crane capacity	Work cranes must be able to lift containers at the quay. Please specify. Weight approx. 5 T
3.4.	Deck storage space	<p>The vessel must have available space and attachments for a minimum of two 10' containers (in addition to 2.4), with the possibility of opening the doors unobstructed and the possibility of power connection (220/230V 50/60 Hz) for anti-freeze heating.</p> <p>Alternatively, indoor storage space for a) chemicals and b) biological and sediment samples, then minimum space for one 10' container is needed for sample storage (in addition to 2.4).</p>
3.5.	Freeboard amidships	The vessel must have a freeboard of less than 4m in height (from the waterline to the deck) for loading and unloading of grabs / samplers on the side of the stern deck.

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3.6.	Deck workspace	The vessel must have workspace on deck including: <ul style="list-style-type: none"> - An area of deck for handling bottom sampling equipment and collected samples: bottom grab, trawl, sled, minimum approx. 25 m². - An area for flushing / sieving / rinsing / sorting of bottom samples, approx. 10 m². - A reliable seawater pump (a separate system from the fire pump is advantageous). Please specify type of hose connection. - Good drainage for flushing of sediment / sample residue after processing bottom samples.
3.7.	Equipment launching	The vessel must be capable of launching and recovering various equipment amidships or through a moon pool. The vessel must be capable of launching, towing, and recovering beam-trawl and benthic sledge over the stern, preferably using an A-frame over a trawl gate.
3.8.	Electricity	The vessel must have an outlet of 230V 50/60Hz minimum 16A.
3.9.	Seawater pump	The vessel must have a seawater pump for flushing the deck.

4.	Navigation and communication	
4.1.	Positioning	The vessel must have / be able to provide positioning and stabilization of the vessel <ul style="list-style-type: none"> - Dynamic positioning possibly equipped with follow-target to be able to track the USBL position from the ROV. - Underwater positioning for ROV. - A transponder option for sampling equipment, e.g. grab, multicore, if the system is different from Kongsberg HiPAP. The client has 5 transponders, including 3 MST342 and 2 C-node (the new upgraded type).
4.2.	Communication	The vessel must have: <ul style="list-style-type: none"> - Network for internal communication - Intercom for communication between bridge, crew and scientific key personnel - Broadcasting of GPS position and underwater equipment position on ethernet, in NMEA or compatible format - The vessel must be equipped with satellite communication.
4.3.	Electronic Olex chart system	The vessel must have Olex navigation or an equivalent electronic map system. If a system other than Olex, there will be a need to connect the vessels GPS signal to Mareano's (Client's) Olex computer, and network access to broadcast Olex data from Client's computer. Navigation input data must be provided from the vessel.

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5.	Measuring Equipment	
5.1.	SBP	The vessel must have a sediment sonar (sub-bottom profiler) that can be used down to 1500 m. The sediment sonar must be roll, pitch and yaw stabilized, calibrated for position, and with a frequency source within 2.5 kHz to 20 kHz.
5.2.	ROV	The host must have a working class ROV with minimum depth rating to 1500m, with HD video cameras and flooding lights. The host must offer 24/7 ROV operation.

6.	Facilities on board	
6.1.	Capacity	The vessel must have a service capacity for the client's personnel, a minimum of 14 scientists, and have sufficient manning for 24/7 continuous operation of the vessel, the equipment to be used, cranes, winches, and catering for a two-shift watch system.
6.2.	Cabins	The vessel must have cabins for scientific staff, a minimum of 10 cabins, of which there should be a minimum of 4 single-person cabins. Confirm the number of cabins that can be used by the client.
6.3.	Living quarters	The vessel must have at least one mess and common lounge.
6.4.	Food service	Food service information must be provided, including the number of meals per 24-hour period, and how many of these are hot.
6.5.	Rescue equipment	The vessel must have the necessary rescue equipment, checked and approved, including rescue suits for all personnel from the Client.
6.6.	Wardrobe facilities	The vessel must have locker room with drying facilities (for overalls, gloves etc).
6.7.	Disease reducing measures	<p>The vessel must have procedures and equipment for reducing infections among personnel, including cleaning procedures, and good wardrobe space, toilet facilities, and living quarters.</p> <p>The vessel must have extra cabins in case the need for isolating sick personnel, if single-person cabins cannot be offered to all.</p> <p>Confirm procedures and the number of available cabins.</p>

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7. Professional requirements for crew		
7.1.	Language	Captain and crew of Norwegian registered (NOR) vessels must be able to master the Norwegian language, for foreign registered vessels and NIS registered vessels they must be able to communicate in English or a Scandinavian language, this also applies to all safety instructions and safety equipment and posters. Provide information on language.

8. Administrative requirements:		
8.1.	Contact info	Enter contact information (name, position, telephone and email) for the person / persons who: <ul style="list-style-type: none"> • is the contact person through the procurement process • can sign a contract • is responsible for the cruise (captain)
8.2.	Contact info company	Enter contact information for the company: Company name, postal address, telephone and Email.
8.3.	Contact info vessel	Vessel name, telephone, Email, fishing number, call sign and home port.
8.4.	Requirements and clauses	Requirements and clauses that appear in draft contracts with appendices, including HSE regulations, appendix 1, must be accepted
8.5.	Deviations or reservations	For any nonconformities or reservations, see section 4.6 of the Tender document. State whether the offer is given; <u>with</u> or <u>without</u> deviations / reservations.
8.6.	Tax certificate	A tax certificate must be attached for value added tax and tax. The tax certificate must not be older than 6 months from the deadline for submitting offers. This requirement applies only to Norwegian Tendere.

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7. AWARD CRITERIA

Award Criteria is the criteria on which the Contracting authority will evaluate the received tenders and apply when selecting a tender. An overall assessment of the award criteria will determine which of the qualified tenders will be awarded the contract.

The Contracting authority reserves the right to perform an inspection. As a part of evaluation an inspection of the vessel and equipment may be executed. This may also include a meeting and visit to the management office including a check of the implemented Health, Safety, Environment and Quality management system.

The acquisition will be made by the tender that offers the best relationship between cost and quality.

Award criteria are given points from 1 to 10. Lowest price gives best points. Best offered vessel characteristics after a total overall rating give the best score.

The tenderer is responsible for ensuring that the award criteria listed are sufficiently documented.

The tenderer has an independent responsibility for documenting fulfilment of award criteria. Missing or deficient documentation of award criteria may result in rejection of tenders.

Award criteria are set out in Merccell.

Award Criteria	Documentation	Priority / weighting
Price	Fill out and answer in Merccell	50 %
Vessel Features	Fill out and answer in Merccell	50 %

7.1. Award criterium 1 - Price


In this award criteria the tender shall state a fixed daily rate for the Vessel in accordance with the requirements specification.

Daily rate 1

A daily rate is requested for a 21 day operational research cruise.

The offered daily rate shall include all expenses for daily operations, such as expenses for vessel rent, bunkers, lubricating oil, NOx, urea, any port fees, catering and all meals for all participants from the client during the rental period.

In addition to expenses for daily operations, it is assumed that all non-recurring expenses incurred by the tender in connection with the cruise, such as transit, mobilization and demobilization, installation of new equipment or other, will be included in this daily rate 1.

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Daily rate 2

A daily rate is requested for an opportunity to extend the rental period from 22 to 28 days operational research cruise. The maximum number of days to extend are given by the tender in the requirements (cf. ch. 6. point 1.5 – duration).

It is then assumed that only expenses for daily operations are included in Daily rate 2.

1	Price	Price according to specification
1.1	Daily rate 1	Daily rate, day 1-21 operational research cruise including all expenses for daily operations expenses and all non-recurring expenses.
1.2	Daily rate 2	Daily rate, day 22-28 operational research cruise including expenses for daily operations.


Prices shall be given in the tenders national currency. For evaluation of the award criteria "Price", the stated price in the tenders will be converted into Norwegian kroner (NOK). For this purpose, we will use Norges Bank's currency exchange rates on the date for delivery of tenders.

7.2. Award criterium 2 - Vessel Features


The tender shall give a description in Merccell on each of the criterias set in section 7. The description must say what the Tender can commit to deliver. "Should have" means beneficial in the evaluation.

The Contracting Authority will evaluate the description of Vessel Features and the criteria are emphasized after an overall assessment. Best scores on features will receive 10 points, and points for the other offers will be assessed in terms of this.

2	Product	Description
2.1	Preferable availability	The vessel should preferable be available in the period between 15th of August and 15th of September. Available period must be stated.
2.2	Expertise	The vessel should have a crew with good knowledge and experience from scientific research cruises, fisheries and/or coastal shipping in Northern waters. Experience must be documented.
2.3	Container mounts	The vessel should have container mounts (cf. ch. 6. point 2.4 and 3.4) in the vicinity of workstations on deck and lab(s) for efficient workflow.
2.4	Storage space	Indoor storage space to accommodate requirements given in ch. 6. point 2.4 and point 3.4, is preferred over container solution.

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2.5	Launch hangar amidships	The vessel should have a hangar or sheltered area/ superstructure for launching various equipment amidships and for collection/processing of samples and equipment as samples are collected.
2.6	Launch area	The vessel should have an amidships launch area with <4m freeboard or a moon pool for launching the ROV and sediment sampling gear.
2.7	Roll-damping	The vessel should be capable of roll-damping.
2.8	Heave compensation	The vessel should have heave-compensation on the work winches (enabling work in rougher seas).
2.9	A-frame	The vessel should have an A-frame.
2.10	UPS	The vessel should have access to stabilized power (UPS).
2.11	Operation	The vessel should offer the possibility for 24 h operation.
2.12	ROV	The ROV should have laser points for size reference, a manipulator arm and sample basket.
2.13	Video broadcast	The possibility of internal broadcasting of ROV video and the ship position to lab(s) and common rooms.
2.14	Echosounder	The vessel should have an echosounder with signal output for internal broadcasting of depth. Should be adapted for water depths down to 1500m.
2.15	Multibeam echosounder	<p>The vessel should have a multibeam echosounder (MBES) adapted to shallow and medium water depths.</p> <p>The MBES should have roll, pitch and yaw stabilization and multibeam data output for Mareano's Olex computer.</p>
2.16	Living Quarters	<p>The vessel should have:</p> <ul style="list-style-type: none"> - Lockable one-man cabins with writing and working opportunities. - Washbasin/shower / WC near the sleeping area. - Mess/dining room separate from the wheelhouse/work areas.
2.17	Cabins	The vessel should preferably have as many single cabins as possible for the client's scientific staff.
2.18	Facilities	Cabin capacity and convenience will be considered when comparing to other tenders with similar facilities.
2.19	Communication	The vessel should have Internet communication with good band-width, and good antenna.
2.20	Sheltered/ covered workspace	The vessel should have a sheltered or covered area for the working on deck and maintenance of gears.
2.21	CTD	The vessel should have a CTD and water sampling rosette with at least 6 bottles. Each bottle must be minimum 4 liter.
All award criteria are set out in Merccell. All criteria must be answered and documented in Merccell.		

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8. REQUIREMENTS FOR THE TENDER

8.1. Tender deadline

The deadline for submitting questions and bids is displayed in the Mercell portal.

8.2. Documents to be submitted

The following documentation must be included with the tender:

No.	Requirements/ criteria	Documentation
a.	Qualification criteria	The European Single Procurement Document (ESPD). To be completed and submitted via the Mercell Portal.
b.	Specifications, Chapter 6	Minimum requirements that must be fulfilled, to be completed and submitted via the Mercell Portal.
c. d.	Award Criteria – price Award Criteria - other	Award criteria must be fulfilled, to be completed and submitted via the Mercell Portal.

8.3. Submission

The bid must be delivered via Mercell, and this requires the registration to be completed in Mercell. Questions about how to use Mercell should be directed to Mercell Support. It is recommended to submit the bid well in advance of the deadline. It is possible to change the tender until the tender deadline expires. The last bid submitted will be considered to be the final bid.

8.4. Contact information Mercell

- Telephone: (+47) 21 01 88 60

- email: support@mercell.com

8.5. Submitting bids

The tender has an independent responsibility to ensure that the bid is complete and submitted prior to the deadline.
