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Date
12 februari 2026

Reference
PCM2026-10071RfP

Procurement Department

Navigation address :
De Zaale, Eindhoven

www.tue.nl

Request for Proposal (RfP)

European tender

REFURBISHED 3T MRI SCANNER (hereafter called “The Instrument”)

for Eindhoven University of Technology



Contents

1 BACKGROUND TO THE TENDER 3
1.1 Introduction 3
1.2 Contracting Authority 3
1.3 The Contract 3
2 BRIEF DESCRIPTION OF THE TENDERING PROCEDURE 4
2.1 Tendering Procedure 4
2.2 Publication medium and digital documents 4
2.3 Schedule 4
2.4 Assessment procedure 4
3 PROCEDURAL AND ADMINISTRATIVE CONDITIONS 5
3.1 Content of the Proposal 5
3.2 Applicability of conditions for this Tendering Procedure 5
3.3 Proactive attitude/forfeiture of rights 5
3.4 Stopping the Tendering Procedure/non-award 5
3.5 Confidentiality and intellectual property rights 5
3.6 Information exchange 6
3.7 Proposal submission process 6
3.8 Change of capacity/other changes 8
3.9 Proposal submission 8
3.10 Conditions, validity and term of validity 8
3.11 Verification 9
3.12 Award decision - Objection clause 9
3.13 Complaints 9
3.14 Other 10
4 GROUNDS FOR EXCLUSION, ELIGIBILITY AND MINIMUM REQUIREMENTS 11
4.1 Grounds for exclusion 11
4.2 Selection criteria (eligibility requirements) 11
4.3 Minimum requirements in respect of the Contract 12
4.4 Verification by the Contracting Authority 12
5 AWARD CRITERIA 13
5.1 General 13
5.2 Price (AC1) 13
5.3 Quality (AC2) 14
5.4 Assessment 15
6 TECHNICAL SPECIFICATIONS 18
6.1 General information 18
6.2 Technical specifications 18
6.3 Site Acceptance Test 20
6.4 Payment conditions 20
Annex 1: GLOSSARY 21
Annex 2: EUROPEAN SINGLE PROCUREMENT AGREEMENT. 22
Annex 3: (DRAFT) AGREEMENT. 22
Annex 4: REFERENCE (EXPERIENCE). 22
Annex 5: PRICE FORM. 22
Annex 6: MINIMUM REQUIREMENTS. 22
Annex 7: AWARD CRITERIA AC2 WISHES. 22
Annex 8: DECLARATION OF AGREEMENT TENDERING DOCUMENTS 22

1 BACKGROUND TO THE TENDER

1.1 Introduction

The purpose of this Request for Proposal is to provide interested market parties all the information they require to be able to participate in this tender. The Request for Proposal also aims to provide insight into the minimum requirements and conditions for entering into and performing the Agreement, the objectives of the Contracting Authority and the planning of the progress of this tender.

This Request for Proposal contains a number of Annexes, which are described in more detail in this document.

1.2 Contracting Authority

The mission of Eindhoven University of Technology is to educate students and to advance knowledge in science & technology for the benefit of humanity. We intertwine education and research to enable our students and scientists to become thought leaders and to design and achieve the unimaginable. We translate our basic research into meaningful solutions, in close collaboration with our public and private partners. We have the ambition to be among the leading universities in science & technology. With an open eye for developments in the world around us, we aim to be an internationally defining academic institution that pushes the frontiers of science and technology and educates engineers of the future who are ready to face the complex challenges of the world of today and tomorrow:

- the sustainability transition
- the technological revolution
- the increasing impact of technology on our society

These challenges, combined with other drivers of change, force us to take position: we want to *lead the change* by our education, research and valorization/impact

The TU/e Campus is an open and green area with the sphere and look of a city park, where people can work, study, live, sport and recreate. Of course education and research continues overtone, but within a larger oriented eco system.

TU/e currently has approximately 13.800 students and 5.600 employees.



More information is available on the university's website: www.tue.nl.

1.3 The Contract

We are looking for a 3T CE-marked refurbished MRI scanner to support our research on materials and medical applications at the TU/e Campus. The 3T MRI scanner will be used to measure the transport of liquids and salts through porous materials used in building and energy systems. The second goal is to use the system for medical diagnostics and MR-guided therapy applications (e.g. RF hyperthermia). For both goals, we would like to develop new MRI hardware, including RF and gradient coils, as well as new reconstruction algorithms. The 3T MRI scanner should be CE-marked so that we can use it for volunteer scanning for education or research, and should have a lifetime of at least 10 years. To keep the MRI scanner operational and in compliance with CE marking requirements, we are seeking a tenderer to provide a 10-year service contract. The 3T CE-marked MRI scanner will be installed in the current Darcy Lab, replacing a 1.5T Philips Intera MRI scanner. The Darcy Lab already has an RF-cage and infrastructure (electricity and water cooling).

2 BRIEF DESCRIPTION OF THE TENDERING PROCEDURE

2.1 Tendering Procedure

The European tender takes place in accordance with a public procedure as set out in the (amended) Public Procurement Act 2012 (Bulletin of Acts and Decrees 2016, 241). In connection with the Contract intended to be awarded, the Contracting Authority has sent the announcement of the European tender for the Contract for publication on www.Tenderned.nl and (via that site) in the Supplement of the Official Journal of the European Union. With the sending of the announcement, the Tendering Procedure has formally started.

2.2 Publication medium and digital documents

This Tendering Procedure is executed on the TenderNed platform. All documents are made available digitally via TenderNed. All texts and files on TenderNed form an integral part of this Request for Proposal. Should there be differences between the provisions on TenderNed and the provisions in this Request for Proposal, the provisions in this Request for Proposal prevail, unless otherwise indicated.

2.3 Schedule

The draft tender schedule to be applied is included on TenderNed under the tab ‘schedule’ No rights can be derived from this planning by Tenderers.

If the planning below deviates from the planning on TenderNed, the planning on TenderNed prevails.

Activity	Date/period
Dispatch Request for Proposal	February 12th ,2026
Last date for raising questions Information	February 27th ,2026
Dispatch 1st Memorandum of Information	March 11th ,2026
Submission of Proposal	March 26th ,2026 before 14.00 PM Central European Timezone
Communication of provisional award	Begin April 2026
Final award (20 days) after provisional award	Eind April 2026
Delivery of the system	June/July 2026

2.4 Assessment procedure

The assessment procedure starts after the last date and time on which the Proposals must have been submitted. The assessment procedure consists of:

- Test on procedural/administrative requirements and completeness;
- Test on grounds for exclusion eligibility criteria and minimum requirements;
- Assessment on Award Criteria.

The Contracting Authority intends, on the conditions as included in this Request for Proposal, to award a Contract to the Tenderer with the Best Price-Quality ratio.

If after application of the award criteria, the Proposals of two or more Tenderers are assessed as being the best (calculated on 2 decimal points), it will be decided by drawing lots in whose favour the awarding decision comes down.

During the entire Tendering Process and contract period Tenderers must satisfy all grounds for exclusion, eligibility requirements and minimum requirements.

3 PROCEDURAL AND ADMINISTRATIVE CONDITIONS

This chapter sets out the procedural and administrative conditions of this tender. These conditions apply during the entire Tendering Process unless they are departed from in a later tender document.

3.1 Content of the Proposal

The Proposal must be complete. This means that all requested documentary evidence and other information must have been included.

The Tender Forms must be filled in and signed in the requested manner. It is not permitted to add to and/or change the fixed text of the Tender Forms, unless express permission has been granted to this end by the Contracting Authority or it can be indisputably deduced otherwise from the Tender Form.

3.2 Applicability of conditions for this Tendering Procedure

Every Tenderer is expected to have taken notice of the conditions and other content of the Tendering Documents. By submitting a Proposal, the Tenderer declares its unconditional acceptance of the contents and applicability of the Tendering Documents. The Memoranda of Information still to be published form an integral part of these Tendering Documents. If Tenderers act in contravention of, or fail to comply with the Tendering Documents, this may lead to exclusion from (further) participation in this Tendering Procedure.

3.3 Proactive attitude/forfeiture of rights

This Request for Proposal and all accompanying **Annexes** have been prepared with care. Should a Tenderer nevertheless come across contradictions and/or defects, the Tenderer must notify the Contracting Authority of this in Writing in a timely manner via the contact person referred to on TenderNed. If subsequently it becomes apparent that this Request for Proposal contains contradictions and/or defects which have not been reported to the Contracting Authority, these are at the risk of the Tenderer.

(Potential) Tenderers must take a proactive approach during this tendering process. This means that they must notify any lack of clarity and defects in advance so that this Request for Proposal can be amended where necessary. If a (potential) Tenderer fails to report any objections, lack of clarity or defects immediately after publication of this Request for Proposal, but in any case before the end of the term applicable for submission of questions to the Contracting Authority, the (potential) Tenderer forfeits its right to object to such at a later stage.

3.4 Stopping the Tendering Procedure/non-award

The Contracting Authority is free to stop this Tendering Procedure at any time or not award the Contract. The Contracting Authority also reserves the right not to award (parts of) the Contract or to proceed to a provisional award of the Contract.

If the Contracting Authority decides not to award the Contract, it will notify the Tenderers as soon as possible stating the reasons for this. In that case, the Tenderers cannot claim payment of any costs incurred in the context of this Tendering Procedure. No right to any follow-up contracts can be derived from the contract award.

3.5 Confidentiality and intellectual property rights

By participating in this Tendering Procedure, the Tenderer undertakes to keep all information it receives from the Contracting Authority in the context of this Tendering Procedure confidential insofar as this information has not been made public by the Contracting Authority and not to provide this to third parties. Such information may only be shared with employees and, insofar as applicable, with subcontractors involved in the procedure.

The Contracting Authority shall not disclose confidential information it receives from a Tenderer in the context of this Tendering Procedure to other Tenderers without the permission of the first named Tenderer, with the exception of legal obligations of the Contracting Authority. A Tenderer must always indicate which information it considers to be confidential. By submitting a proposal, the Tenderer declares that the Contracting Authority is permitted to disclose the name of the Tenderer.

The Contracting Authority is not obliged to publish internal (tendering) documents, such as results of evaluations, tender comparisons, as well as advice relating to qualification and awarding, to Tenderers.

By participating in the Tendering Procedure, any intellectual property rights of the Tenderers do not transfer to the Contracting Authority unless otherwise determined. Intellectual property relating to the Tendering Documents are and remain the property of the Contracting Authority.

3.6 Information exchange

The Contracting Authority guarantees the equal treatment of all Tenderers during the Tendering Procedure. The Contracting Authority does not provide information that can favour one or more Tenderers over others.

Change in Tendering Documents
During this Tendering Procedure, the Contracting Authority can make additions or changes to the Request for Proposal if new insights or developments require this. These changes will be notified to the Tenderers in Writing in one or several Memoranda of Information.

Insofar as this Request for Proposal does not provide for particular situations, the Contracting Authority decides.

Request for information
All (potential) Tenderers have the opportunity to ask questions. Questions and/or comments can be submitted only via the “Questions and response module from TenderNed. Questions must be submitted no later than on the date(s) and time(s) shown in the planning.

Memoranda of Information
The (anonymised) questions submitted will be included, with answers, in one or more Memoranda of Information via the “Questions and response” module from TenderNed. The Contracting Authority can also provide extra information by means of a Memorandum of Information.

The Contracting Authority shall provide the last Memorandum of Information via the “Questions and response” module from TenderNed at the latest ten (10) Days before the final date for submitting a Proposal.

The content of the Tendering Documents will, with due observance of that included in the Memoranda of Information, become definitive after publication of the last Memorandum of Information. The memoranda of Information shall prevail over the text of this Request for Proposal, whereby a Memorandum of Information of a later date shall prevail over a Memorandum of Information of an earlier date. Full acceptance of the Tendering Documents is a strict requirement for submitting the Proposal.

All verbal information provided by or on behalf of the Contracting Authority has no legal validity whatsoever unless this information has been confirmed in Writing in an Memorandum of Information.

3.7 Proposal submission process

3.7.1 Only submitting a Proposal once

A Tenderer may only submit one Proposal, independently, as the main contractor with subcontractor(s) or as a Consortium of several other parties. If failing to comply with the above, only the first submitted Proposal will be considered.

It is only permitted to submit a Proposal from several different businesses within the same group if both the Tenderers and the holding or parent company can demonstrate that the Tenderers operate fully independently from each other and made the proposal independently. A group includes: a legal person together with its subsidiaries in the meaning of section 2.24(a) and 2.24(b) Dutch Civil Code.

3.7.2 Independently or in form of collaboration

Tenderers may submit a Proposal to this Tendering Procedure independently or in collaboration with other businesses. The following forms of Tenderers can be distinguished:

- Independent Tenderer;
- Collaborative arrangement of businesses as one Tenderer (Consortium);
- Tenderer is the main contractor and will use one or several subcontractors.

3.7.3 Independent Tenderer

In the event of a Proposal by an independent Tenderer, the Tenderer states to be able to perform the Contract completely independently (without having to make use of the capacity of third parties). The Tenderer must independently satisfy all the set requirements and submit the requested information.

3.7.4 Consortium

In the event of a Proposal by a collaborative arrangement of Economic Operators (Consortium), each business participating in the collaborative arrangement (Consortium Member) must independently submit the "Uniform European Single Procurement Document" and a copy of the Registration in the national professional/commercial register with the Proposal including all the requested relevant statements/Annexes.

Under part II A 'Information concerning the economic operator' of the Uniform European Single Procurement Document it must be stated which businesses are taking part in the Consortium and the role of the business within the Consortium (whereby in any event the lead manager of the Consortium is listed). When putting forward a collaborative arrangement as being the Tenderer, each Consortium member accepts joint and several liability for the performance of the Contract.

Consortium members must independently satisfy the grounds for exclusion. The Consortium must jointly satisfy the minimum requirements and selection criteria (eligibility requirements).

In its Proposal, the Tenderer must clearly state which activities will be carried out by which member or members of the Consortium.

3.7.5 Main contract / Subcontracting

In the event of a Proposal by a Tenderer who can independently satisfy the set requirements/criteria but nevertheless, as the main contractor, wishes to engage subcontractors for the performance of the Contract, all the same requirements as for an independent Tenderer apply. The Tenderer must state that it wishes to use subcontractors in part II D 'Information concerning subcontractors on whose capacity the economic operator does not rely' of the Uniform European Single Procurement Document. The Tenderer must also indicate which parts of the Contract it intends to subcontract to third parties and which subcontractors it proposes.

In the event of a Proposal by a Tenderer who cannot independently satisfy the set requirements/criteria and, as main contractor, but can only satisfy the set requirements/criteria by using subcontractors or third parties, the Tenderer must indicate in the Uniform European Single Procurement Document for which requirements it relies on a third party/parties (stating the third party/parties on which it relies - see Part II C 'Information about reliance on the capacities of other entities' - of the Uniform European Single Procurement Document).

Both the main contractor and subcontractor(s) may not be subject to exclusion grounds. The main contractor and subcontractor(s) must jointly satisfy the minimum requirements and selection criteria (eligibility requirements).

The relevant subcontractor/third party must independently submit the "Uniform European Single Procurement Document" with the Proposal submission including the requested relevant declarations/Annexes. A Tenderer must also add a declaration showing that it actually has access to the resources of this third party/parties (subcontractors) required for the Contract. The engagement of subcontractors by the main contactor does not affect the liability of the main contractor towards the Contracting Authority.

3.8 Change of capacity/other changes

After submitting a Proposal, it is in principle not permitted to make changes to the composition of a Consortium and/or the deployment of the subcontractors/third parties put forward in the Proposal.

The Tenderer must notify the Contracting Authority immediately and in full about any changes in its legal form, share capital, capacity, use of subcontractor or other changes which may be important for the Contracting Authority to be able to assess its eligibility for performing the Contract or may be relevant to the Contracting Authority in any other way.

Changes are only permitted with the prior written approval of the Contracting Authority and on the basis of compelling reason(s) which the Tenderer must make plausible. The Contracting Authority may attach conditions to its approval of such changes.

3.9 Proposal submission

The Proposal must be submitted digitally via TenderNed. Submission of the Proposal by post, fax, email or otherwise than set out above, is not permitted. The Tenderer ensures that declarations, Annexes and other parts of the Proposal are uploaded to the correct location on TenderNed. The digital documents must be submitted in a generally accessible format (preferably an open standard).

All documents and declarations to be signed must be signed by a representative of the company who is authorised to do so. This is demonstrated by the submission of an extract from the Chamber of Commerce, possibly supplemented with a valid power of attorney, showing explicitly that the person and/or persons who have signed the documents are authorised to represent the Tenderer.

The Tenderer is responsible for the timely and complete submission of its Proposal. The Contracting Authority advises to start this process in a timely manner to avoid any unforeseen circumstances. The Proposal of the Tenderer becomes the property of the Contracting Authority.

Opening of Proposals
The digital safe will be opened as soon as possible after release of the digital safe. A public tender hearing will not take place.

Questions for Tenderers
The Contracting Authority is free to request Tenderers to explain, clarify or supplement their Proposal within a period to be determined by the Contracting Authority.

3.10 Conditions, validity and term of validity

The Proposal must be irrevocable and unconditional. Proposals that are not irrevocable and/or have conditions attached in any way (referring to their own general terms and conditions for example) may be invalid and will not be considered. All general conditions on the part of the Tenderer (such as delivery terms and conditions or payment terms) are expressly rejected.

The term of validity is in any event nighty (90) Days from the last date for the submission of the Proposals. If preliminary relief proceedings are pending against the award decision, the term of validity ends eight (8) Days from the day on which judgement was given in the preliminary relief proceedings.

3.11 Verification

The Contracting Authority can invite the Tenderer who might be eligible for a provisional award to a verification consultation in which the Tenderer must demonstrate how he complies with (specific) parts of the Request for Proposal. Prior to the verification, the Contracting Authority may put forward questions or parts which Tenderer must answer.

If the Tenderer cannot demonstrate that he meets all requirements and/or wishes, the Contracting Authority reserves the right to exclude the Tenderer from further participation in this Tendering Procedure.

3.12 Award decision - Objection clause

The Contracting Authority shall notify all Tenderers in Writing as soon as possible and simultaneously on the award decision.

If a Tenderer disagrees with the award decision notification, the Tenderer, on penalty of the complaint being declared inadmissible and the forfeiture of rights, must have within a period of twenty (20) Days from the date of the sending of the award decision notification, by serving a summons, commenced preliminary relief proceedings against the aforementioned award decision of the Contracting Authority with the (preliminary relief judge) at the District Court of East Brabant.

If preliminary relief proceedings have been commenced within this term of twenty (20) Days, there shall not be a final award of the Contract before a ruling has been given in the preliminary relief proceedings unless a compelling interest commands the immediate awarding. If no preliminary relief proceedings are filed within twenty (20) Days of the dispatch of the award decision notification, the stakeholders can no longer file further objections to the decision and have forfeited their rights in this respect. In that case, the Contracting Authority is therefore free to implement the decision made. After the expiry of this period of 20 days, tenderers have also forfeited their right to bring a claim for damages in proceedings on the merits.

The Contracting Authority is entitled to terminate the Agreement with the favoured party/parties with immediate effect if it follows from a ruling from a court that the award decision is unlawful or that the Agreement is invalid or that, for whatever reason, the Contract must be brought again to the market. The favoured party/parties cannot derive any rights towards the Contracting Authority from such termination decision for reimbursement of tendering costs, loss of reference, loss of profit or other loss.

The Contracting Authority reserves the right to take a decision and make arrangements in cases the Tender documents do not provide.

3.13 Complaints

It is possible that dissatisfaction will arise between contracting authorities and businesses during the Tendering Procedure with regard to the actions of parties in the Tendering Procedure. This could lead to a complaint. In such a case, the Contracting Authority will handle the complaint in accordance with the ‘Complaints Settlement in Tendering’, dated 7 March 2013. These rules can be found on: http://www.rijksoverheid.nl/documenten-en-publicaties/regelingen/2013/03/07/klachtafhandeling-bij-aanbesteden.html

If a stakeholder has a complaint regarding this Tendering Procedure, the following actions are possible.

Complaints can be notified by email to the complaints information point of the Contracting Authority via email address: Tenders.complaintsreportingpoint@tue.nl. A complaint will be dealt with as soon as possible.

If the complainant disagrees with the decision issued by the Contracting Authority on the complaint submitted, the complainant may submit the complaint to the Tendering Experts Committee set up by the Minister of Economic Affairs. If a complaint concerning this Tendering Procedure is submitted to the Tendering Experts Committee, the complainant is requested to send a copy to the contact person of the Contracting Authority referred to on TenderNed.

3.14 Other

Language
All information exchange relating to the Tendering Procedure takes place in English. Documents to be submitted by Tenderers must be drawn up in English. If particular documents to be submitted are not available in English, the Contracting Authority will decide whether the submission of the document in another language will suffice (whether or not furnished with a translation into English). A Tenderer wishing to submit a document in a different language than English must submit a request to this end before submission of the Proposal to the Contracting Authority via the message module of TenderNed.

Costs
The Contracting Authority does not reimburse costs incurred in the preparation and issue of a Proposal, including any further information to be provided. The Tenderer bears the risk of any costs and/or damage that (may) arise because the contract is not awarded or this Tendering Procedure is (temporarily/permanently) discontinued.

Variations
Variations are not permitted.

Applicable law and disputes
This Tendering Procedure is governed by Dutch law. Subject to the provisions in this Request for Proposal any dispute between the parties involved in this Tendering procedure in relation to this tender shall in the first instance be heard by the (interim relief judge) of the District Court of East Brabant.

4 GROUNDS FOR EXCLUSION, ELIGIBILITY AND MINIMUM REQUIREMENTS

This chapter describes the grounds for exclusion and minimum requirements the Contracting Authority applies.

4.1 Grounds for exclusion

The Contracting Authority wishes only to conduct business with companies whose integrity is established. The Contracting Authority may exclude all Tenderers to which one of the mandatory grounds for exclusion apply, or one of the optional grounds for exclusion which have been declared applicable by the Contracting Authority in the European Single Procurement Document **(Annex 2** of this Request for Proposal), such with due observance of Section 2.87(a) and 2.88 of the (amended) 2012 Tendering Act. In order to show that such grounds for exclusion do not apply to the Tenderer or its sub-contractors, they must complete the European Single Procurement Document (**Annex 2** of this Request for Proposal) truthfully and provide it with a legally valid signature and add it to the Proposal. (Upload this **Annex 2** in TenderNed).

Documentary evidence
The Contracting Authority reserves the right to request the Tenderer to submit further documentary evidence or declarations. In connection with the application of this paragraph, the Contracting Authority can request the Tenderer to submit documentary evidence or declarations as set out in section 2.89 of the (amended) 2012 Tendering Act in order to be able to establish whether or not the Tenderer finds itself in any of the above-mentioned circumstances.

By submitting the European Single Procurement Document, the Tenderer also declares that it is able to provide the requested documentary evidence and declarations within the reasonable term indicated by the Contracting Authority. If the Tenderer fails to provide the documentary evidence and declarations within this term to the Contracting Authority, it is deemed not to be able to do so and the Proposal may be invalid. A Tenderer with an invalid Proposal will be excluded from further participation in this Tendering Procedure.

The following documentary evidence relating to Grounds for Exclusion is eligible:
- Certificate of conduct for procurement;
- Payment history report of Tax and Customs Authority;
- Commercial Register extract.

4.2 Selection criteria (eligibility requirements)

Tenderer must satisfy the prescribed selection criteria (eligibility requirements) below as a minimum. If the Tenderer does not satisfy one or several of these minimum requirements, the Proposal may be invalid and the Tenderer may not be eligible to be awarded the Contract.

4.2.1 Professional qualifications

Registration in the national professional/commercial register
By signing the European Single Procurement Document **(Annex 2** of this Request for Proposal) the Tenderer declares to satisfy the following minimum requirement:

Requirement: The Tenderer is registered in the professional register or in the commercial register in accordance with the regulations of the Member State in which it is based.

Documentary evidence: A registration in the Commercial Register of the Chamber of Commerce (or equivalent) not older than six (6) months calculated from the latest date of submission of the Proposal and must be Upload by Tenderer in TenderNed.

4.2.2 Technical and professional competence

For this tender the Tenderer must show his proven following competence and/or capabilities. Therefore he has to fill in Standard Form included in **Annex 4** of this Request for Proposal and Upload this **Annex 4** in TenderNed.

The required minimum competences and/or capabilities for this tender to show with the applicable reference are the following:

To guarantee that Tenderer has credible experience in production, delivery and support of at least one (1) " Refurbished 3T MRI Scanner" comparable with the Instrument for this tender. We request evidence for delivery and installation of an Instrument with a similar configuration as requested here to at least one university, other research institute or hospitals (provide reference) as well as in providing service for these Instruments in the past five (5) years.

The aforementioned five (5) years are calculated compared to the latest date of submission of the Proposal.

4.3 Minimum requirements in respect of the Contract

A Tenderer must in any event satisfy the minimum requirements set out below to be able to submit a conformal Proposal. The following minimum requirements are set:

4.3.1 Statement of Agreement to Tendering Documents

The Tenderer must unconditionally agree and comply with all the requirements and conditions set out in the Request for Proposal and its **Annexes**, with due observance of any changes which arise from the Memoranda of Information. The Tenderer must indicate on the Declaration of Agreement Tendering Documents, **see Annex 8** of this Request for Proposal to agree to this unconditionally. Upload this **Annex 8** in TenderNed.

4.3.2 Statement of Agreement to draft Agreement

The draft Agreement is included in this Request for Proposal as **Annex 3**. On submission of a Proposal, the Tenderer must unconditionally agree with all provisions of the draft Agreement with due observance of any changes which arise from the Memoranda of Information. The Tenderer must indicate on the Tender Form Agreement on Tendering Documents to agree to this unconditionally.

4.4 Verification by the Contracting Authority

The Contracting Authority is authorised to verify the information provided by the Tenderers, by asking the Tenderers to provide documentary evidence or declarations for example or by making enquiries at the clients of (or other stakeholders of) the reference projects.

5 AWARD CRITERIA

5.1 General

The Contracting Authority intends to award the Contract, under the conditions as included in this Request for Proposal, to the Tenderer with, from the point of view of the Contracting Authority, the Most Economically Advantageous Proposal, on the basis of the Best Price/Quality ratio. All submitted Proposals that have satisfied the (procedural/administrative) requirements and completeness and the grounds for exclusion and minimum requirements test, are assessed on the basis of the award criteria set out below.

Award criteria	Maximum points score
AC1 Price	**50**
AC2 Quality	**50**
AC2.1 Tenderer ensures the availability of the spare parts during the service contract period (spare parts to be separately invoiced by tenderer).	(20)
AC2.2 10-Year Service Contract.	(10)
AC2.3 Service contract includes cold head service.	(5)
AC2.4 Exchanging the Philips Intera system.	(5)
AC2.5 Possibility to upgrade the system with multi-nuclei option.	(5)
AC2.6 Interface for analog RF receive coils.	(5)
Total	**100**

5.2 Price (AC1)

The award criterion Price is assessed on the basis of the offered Price (as entered in the Price Form- **Annex 5** of this Request for Proposal). The purchase price of the Refurbished 3T MRI Scanner includes all costs, such as design, fabrication, delivery, installation, guarantees, maintenance and all additional costs for travelling and accommodation for tenderer, as well as all costs in order to meet the mandatory requirements (M) as mentioned in **chapter 6 of this Request for Proposal** and the additional wishes offered by the Tenderer in his Quotation.

For the assessment of this criterion, the Tenderer must add the fully completed Price Form (**Annex 5** of this Request for Proposal) to its Proposal. Therefore he has to fill in Standard From included in **Annex 5** of this Request for Proposal and Upload this **Annex 5** in TenderNed.

The score on AC1 Price (P) will be calculated by means of the following formula:
$S = (P_{lowest} / P) \times 50$

S: *score*
P: *price Tender **(excluding VAT)***
P_{lowest}: *lowest price of all Tenders **(excluding VAT)***

Upload also in TenderNed your complete quotation with all the technical details of the system according to the minimum requirements as mentioned in chapter 6 of this Request for Proposal.

5.3 Quality (AC2)

The quality of the Proposal will be assessed in relation to the wishes mentioned in the overview below.

	Wish	Maximum points to gained for each Wish:
1.	**See for this wish number 1.2 in Chapter 6 of this Request for Proposal:** Tenderer ensures the availability of the spare parts. The tenderer adds to the offer the commitment to ensure the system will be up and running for a maximum of (ten) 10 years. The tenderer must describe how they can keep the system operational for this period by the availability of the spare parts. This wish will be judged based on the quality in which the tenderer has described and show us clearly how they will keep the system operational during the maximum period of ten (10) years and how he has organized the service organization to achieve this.	**20**
2.	**See for this wish number 1.10 in Chapter 6 of this Request for Proposal:** 10-Year Service Contract The tenderer can offer a basic service contract that ensures the system remains safe and within CE-label requirements throughout its lifetime. The tenderer can score a maximum of ten (10) points for this wish , where one (1) point per one (1) year service contract duration can be scored: Score for wish 2 = 1 * duration of the offered service contract period. Tenderer has to explain in written how he will be sure that for a maximum of ten (10) years the basic service contract will be achieved.	**10**
3.	**See for this wish number 1.11 in Chapter 6 of this Request for Proposal:** Service contract includes cold head service. If the tenderer can provide an additional option for maintaining the cold head during the service contract period, five (5) points will be given for this wish. If not, no points shall be given for this wish. **(Yes or No).**	**5**
4.	**See for this wish number 1.3 in Chapter 6 of this Request for Proposal**: Exchanging with the 1,5 T Philips Intera system. Currently, we have the 1,5T Philips Intera system in the Darcy Lab. If it is possible to exchange the offered 3T MRI Scanner with the 1,5 T Philips Intera system five (5) will be given for this wish. If not, no points shall be given for this wish. **(Yes or No).**	**5**

5.	**See for this wish number 2.9 in Chapter 6 of this Request for Proposal:** Possibility to upgrade the system with multi-nuclei option. For our research, we want to measure other nuclei besides the proton. We would like to know, in writing, whether the system can be upgraded with an additional multi-nuclei option to measure other nuclei with the CE-labelled MRI scanner, and what would be required to enable this. If the tenderer can confirm in writing that this option is available, five (5) will be given for this wish. If not, no points shall be given for this wish. **(Yes or No)**.	**5**
6.	**See for this wish number 2.8 in Chapter 6 of this Request for Proposal:** Interface for analogue RF receive coils. Some modern MR scanners use digital MR receive coils instead of analogue coils. Since our researchers make their own receive coils, we need an analogous connection/interface box between our MR receive coils and the CE-labelled MRI scanner. If the tenderer offers an MRI scanner with a digital connection and an additional interface box to connect analogue MR receive coils, five (5) points will be given for this wish. If not, no points shall be given for this wish added to the score. If not, no points will be given for this wish **(Yes or No).**	**5**

5.3.1 AC2 – Quality

*The maximum points for all the Wishes that can be gained is **50 points.***

Details regarding each wish must be added to the Quotation in TenderNed. For the assessment of this criterion, the Tenderer must add the fully completed Award Criteria AC2 Wishes (**Annex 7** of this Request for Proposal) to its Proposal. Therefore he has to fill in Standard From included in **Annex 7** of this Request for Proposal and Upload this **Annex 7** in TenderNed.

Please note that your proposal to each wish is not without obligations, but will be part of the Agreement.

5.4 Assessment

5.4.1 AC1 - Price

Assessment of the award criterion Price (AC1) takes place under the direction of the Procurement Department of the Contracting Authority.

5.4.2 AC2 - Quality

Assessment of the qualitative assessment criteria is undertaken by an assessment committee represented by three (3) members of the department Mechanical Engineering, Electrical Engineering, and Applied Physics & Science Education. Additionally, an MRI expert from another department will join as an independent member. All 4 members have equal voting rights.

5.4.3 Determination of score AC1 and AC2

Award Criterion Price (AC1) is assessed as explained in Paragraph 5.2 of this Request for Proposal.

The assessment committee provides its view based on expert opinions and a comparison of the received Proposals for Award Criterion Quality (AC2). The assessors will assess and appraise the (sub) criteria by means of a rating figure ranging from 0 to 10 if the (sub) criterion is defined qualitatively (e.g. Wish 1), whereby:

Rating figure	description
0	no input
1	very bad
2	bad
3	more than insufficient
4	insufficient
5	moderate / weak
6	sufficient
7	more than sufficient
8	good
9	very good
10	excellent

Individual ratings are expressed in whole figures.

The assessors base their ratings on the overall picture for each award criterion. The parts for each criterion and the accompanying elements referred to are only listed in explanation for the benefit of the Tenderer and cannot be viewed as further “sub-criteria”. The listed subject matters and elements are not included in order of importance and are also not exhaustive.

The individual ratings are subsequently discussed in a plenary meeting after which individual ratings can possibly still be adjusted.

The ratings allocated by the assessors to each (sub) criterion are added up and subsequently averaged. This results in an average rating for each (sub) criterion. Finally, the average rating point for each sub-criterion is multiplied with the stated weighting factor.

Calculation example
The calculation of the points score for Wish 1 will take place as follows;

Ratings given by individual assessors:	6.0, 7.0, and 8.0
Average rating	(6.0+7.0+8.0)/3 = 7
Points score (weighting factor = 2)	7*2 = 14
In this example, the score for Wish 1 = 14 points	

After this, all point scores for all Wishes are added up and there follows a total points score for the Award Criterion Quality (AC2).

5.4.4 Determination of total score

Finally, the achieved points scores of the Award Criterion Price (AC1) and Quality (AC2) are added up. The Tenderer who after the point allocation achieved the highest overall total score will be considered by the Contracting Authority as the Tenderer with the Most Economically Advantageous Proposal from the point of view of the Contracting Authority.

5.4.5 Verification interview

After the tenderer with the highest overall total sore is known, this tenderer will be invited for a verification interview.

Intended award

After the assessment and a successful verification interview, the Tenderers will receive notification about the intended award and the intended rejections. The Tenderer cannot derive rights from the intended award in respect of the final award.

6 TECHNICAL SPECIFICATIONS

6.1 General information

6.2 Technical specifications

The following chapters describe the specific requirements. A list has been attached with regard to the laid down mandatory requirements in which Tenderers must confirm that Tenderers unconditionally meet the specific mandatory requirements.

Note: The Technical Specification mentioned in this chapter 6 may be amended by the Contracting Authority, as referred to in paragraph 3.6 of this Request for Proposal. Tenderers will be informed of any amendments to the Technical Specification by means of the Memorandum of Information. After the final Memorandum of Information is published, the Request for Proposal including any amendments as they stand at that moment become the final version.

FIRST: The tenderer must agree and comply with this final version by submitting the Tender Form Agreement on Tender documents, whereby the tenderer declares to fulfil this award requirement completely.

SECONDLY: In addition, the tenderer must indicate in **Annex 6 Minimum technical requirements** of this request for proposal that it complies with the relevant requirement with comments if applicable

Nr.	1. General & Service	M/W
1.1	A CE-labeled MRI scanner (meaning that it allows to scan humans according to all legal frameworks) which is able to support the development of new MRI/NMR hardware and software, and research on transport and flow, but can also be used to scan volunteers, and support the different MRI/NMR courses for students at the TU/e.	M
1.2	The tender writes a plan how the CE-labeled MRI scanner can be maintained for a maximum period of 10-years including the availability of the spare parts for this period after commissioning.	W1
1.3	We would like to exchange the CE-labeled MRI scanner with our Philips Intera system.	W4
1.4	The tenderer will deliver and install the CE-marked scanner at the TU/e Campus. The magnet should be fully filled with helium and there will be a handover protocol to transfer the CE-marked MRI scanner to the TU/e. We would like to receive the handover protocol from the tenderer as part of the offer.	M
1.5	We are open for a system having components from other MRI scanners, as long as the whole system is CE-marked. We would like to receive a confirmation that the CE-marking is ensured and provided for after the commissioning. To check the components, we would like to receive a list of all components including their serial numbers.	M
1.6	The brand of the CE-marked MRI scanner is well known for its open architecture to connect own developed RF/gradient coils, external devices (like thermal therapy devices, other imaging devices, patient monitor devices, etc.). The CE-marked MRI scanner can control these devices, or that	M

	these devices can control the CE-marked MRI scanning. The tenderer should provide two examples of such existing connections (one with a home build RF coil and one with an external device that controls the scanner) by sending us two references, one for each example, of peer-reviewed scientific papers as evidence.	
1.7	The brand of the CE-marked MRI scanner is well known for its research support, and can supply software tools to make changes in the acquisition software as well in the reconstruction software.	**M**
1.8	The CE-marked scanner should fit in the current RF-cage and infrastructure in the Darcy Lab.	**M**
1.9	The tenderer can provide the right manuals for operating the CE-marked MRI scanner.	**M**
1.10	A 10-year service contract starting after commissioning can be provided by the supplier including the availability of spare parts during this period.	**W2**
1.11	Service contract includes servicing cold head.	**W3**
1.12	There is a guarantee period of at least 12 month after commissioning.	**M**

Nr.	**2. Software and hardware**	M/W
2.1	The CE-marked MRI scanner should have a 3T magnet with a bore size of 70 cm.	**M**
2.2	The CE-marked scanner should have a zero-boil off magnet.	**M**
2.3	The gradient strength should be at least 40mT/m.	**M**
2.4	The CE-marked MRI scanner should have semiconductor RF amplifiers.	**M**
2.5	Next to the integrated RF multi- transmit/receive body coil, the CE-marked MRI scanner should have 3 RF coils: 1) a head coil preferably with a mirror (for visual fMRI studies); 2) a torso coil, and; 3) a surface loop coil.	**M**
2.6	The following sensors should be available and can be connected to the CE-marked MRI scanner to control MR sequences: VCG (Vector Cardiogram), breathing, and photoplethysmogram (PPG) sensors.	**M**
2.7	The MRI software should contain: 1. Spin-echo (SE), and gradient-echo sequences (GE) + GRASE; 2. Acquisition acceleration techniques: multi-slice, multi-echo (e.g. FSE, EPI), at least two different k-space acquisition methods; 3. Accelerations using coil-arrays, and sparse acquisition; 4. Fat suppression techniques, like FATSAT, Inversion recovery and MDIXON acquisition; 5. Diffusion weighted imaging, including 32 directions, maximal b-value 1000 s/mm2, IVIM; 6. Dynamic and CINE acquisition; 7. 4D Flow imaging; 8. BOLD and ASL imaging; 9. MR Spectroscopy (e.g. PRESS) and MR Spectroscopy Imaging; 10. Dynamic temperature mapping (acquisition with fixed sequence parameters); 11. The acquisition can be triggered and/or gated on VCG and/or breathing motion and/or PPG.	**M**
2.8	Deliver a analogue RF coil interface in case the CE-labeled MRI scanner makes use of a digital receive channel.	**W6**

2.9	Multi-nuclei hardware for (e.g. 23Na, 2H, 31P) or the option to purchase later.	**W5**
2.10	The following MRI software features are mandatory: 1) Realtime control of the MRI scanner acquisition by external device; 2) External connection for a signal to trigger and/or gate the acquisition; 3) The software has the capability to give a readout of all raw data acquired.	**M**

6.3 Site Acceptance Test

The Site Acceptance Test conforms to the manufacturer's prescribed test.

6.4 Payment conditions

Payment of the Purchase price of the Refurbished 3T MRI Scanner shall occur upon the attaining of the milestone given in the table below:

	Milestone	**Percentage of the total of the Purchase price**
1	After Delivery of the system	80%
2	After successfully completed the Site Acceptance Test	20%

Annex 1: GLOSSARY

A list of definitions of a number of terms that are capitalised in the Request for Proposal is presented below. Defined definitions may be used both in the singular and the plural.

Agreement: An agreement between the Contracting Authority and a Contractor with the aim to lay down the conditions in respect of the Contract(s) to be awarded.

Annex: An Annex to this Request for Proposal

Campus: University site containing facilities for students and employees.

Contract: A public contract as referred to in the (amended) Public Procurement Act 2012 related to the delivery and installation of the refurbished 3T MRI Scanner for the Contracting Authority, as described in this Request for Proposal.

Contracting Authority: The Contracting Authority is Technische Universiteit Eindhoven. The abbreviation TU/e and the English translation Eindhoven University of Technology, are also used in the Tendering Documents.

Contractor: The Tenderer to whom the Contract shall be awarded.

Days: Calendar Days.

European Single Procurement Document (ESPD): The standard form for the Tenderer's Statement as referred to in section 2.84 of the (amended) Public Procurement Act 2012.

Proposal: The offer submitted by the Tenderer for the performance of the Contract on the basis of the conditions included in the Request for Proposal.

Request for Proposal: Tendering document containing the conditions/provisions for the Proposal, as well as the award method of this Tendering Procedure. In addition, the Request for Proposal contains Annexes such as an Agreement on the basis on which a Proposal must be submitted.

Tenderer: An economic operator having submitted a Proposal.

Tender Form: The Tender Forms and other information as indicated in the Annex to this Request for Proposal.

TenderNed: The digital tendering platform on which this Tendering Procedure is carried out and which is used to exchange information.

Tendering Documents: All documents in the Tendering Procedure provided by the Contracting Authority to the interested businesses/Tenderers.

Tendering Procedure: The procedure as set out in paragraph 2.1 of this Request for Proposal.

Writing: Every unit consisting of words or figures that can be read, reproduced and then notified, that may contain information transferred or saved by electronic means.

Annex 2: EUROPEAN SINGLE PROCUREMENT AGREEMENT.

Separate document on TenderNed (See chapter 4.1 of this Request for Proposal).

Annex 3: (DRAFT) AGREEMENT.

Separate documents on TenderNed (See chapter 4.3.2 of this Request for Proposal).

Annex 4: REFERENCE (EXPERIENCE).

Separate document on TenderNed (See chapter 4.2.2 of this Request for Proposal).

Annex 5: PRICE FORM.

Separate documents on TenderNed (See chapter 5.2 of this Request for Proposal).

Annex 6: MINIMUM REQUIREMENTS.

Separate document on TenderNed (See chapter 6.1 of this Request for Proposal).

Annex 7: AWARD CRITERIA AC2 WISHES.

Separate document on TenderNed (See chapter 5.3.1 of this Request for Proposal).

Annex 8: DECLARATION OF AGREEMENT TENDERING DOCUMENTS.

Separate documents on TenderNed (See chapter 4.3.1 of this Request for Proposal).