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**Denmark-Århus: Medical software package
2016/S 150-270907**

Contract notice

Supplies

Directive 2014/24/EU

Section I: Contracting authority

I.1) **Name and addresses**

Central Denmark Region
Dep. of Procurement and Clinical Engineering, Olof Palmes Allé 15
Århus N
8200
Denmark
Contact person: Procurement Lawyer, Mrs Sidsel Marcussen
Telephone: +45 78414532
E-mail: sidsel.marcussen@stab.rm.dk
NUTS code: DK04

Internet address(es):

Main address: www.rm.dk
Address of the buyer profile: www.udbud.rm.dk

I.2) **Joint procurement**

I.3) **Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at: <http://www.udbud.rm.dk>
Additional information can be obtained from the abovementioned address
Tenders or requests to participate must be submitted to the abovementioned address

I.4) **Type of the contracting authority**

Regional or local authority

I.5) **Main activity**

Health

Section II: Object

II.1) **Scope of the procurement**

II.1.1) **Title:**

Treatment Planning System (TPS) and services for The Danish Center of Proton Therapy (DCPT).

II.1.2) **Main CPV code**

48180000

II.1.3) **Type of contract**

Supplies

II.1.4) **Short description:**

The scope of the contract is the design, delivery, installation and testing of a Proton Treatment Planning System (PTPS) for proton and photon therapy including all related functionalities and services.

The scope includes:

- Software and licenses for a complete PTPS,
- Server hardware, required by the tenderer to be delivered by the tenderer,
- Necessary server hardware and workstations to be installed centrally for remote access (ex. Citrix farm). (This part optional for the Contracting Authority to buy.),
- Service agreement.

II.1.5) **Estimated total value**

II.1.6) **Information about lots**

This contract is divided into lots: no

II.2) **Description**

II.2.1) **Title:**

II.2.2) **Additional CPV code(s)**

II.2.3) **Place of performance**

NUTS code: DK04

Main site or place of performance:

DNU, The New University Hospital in Aarhus.

II.2.4) **Description of the procurement:**

The Central Denmark Region is hosting Danish Centre for Particle Therapy (DCPT), for the purpose of treating a complex mix of pediatric and adult cancer patients, in total up to 1,180 patients per year. The Centre will be an integral part of the University Hospital of Aarhus.

DCPT have partnered with Varian Medical Systems for the delivery of the Proton Therapy System, this includes delivery of the 'ProBeam' system with accelerator, energy selection system, beam line, three rooms with 360° gantries with for patient treatments and a dedicated research room with horizontal beam line. All three treatment rooms have gantry integrated Cone Beam CT (CBCT) and the Oncology Information System (OIS) 'Aria' is also included in the delivery.

DCPT is seeking a partnership with a supplier of a Proton Treatment Planning System (PTPS) that will allow for long term development of proton therapy at DCPT.

Tenderers should note the following high level needs for the proton therapy planning software:

- It must support the Varian ProBeam Pencil Beam Scanning (PBS) delivery system and Varian Aria OIS and the continued development of the technology involved,
- It must have a user friendly graphically user interface,
- It must provide efficient and state of the art multi modality image segmentation and proton planning functionality including robustness evaluation, robust optimization and single and multi field optimization,
- It must provide efficient and state of the art functionality for comparison of photon and proton dose plans in order to support comparison of dose plans as part of the national referral of patients,
- It must provide efficient and state of the art functionality for accounting for 4D respiratory motion and motion mitigation strategies,
- It must provide efficient and state of the art physics modeling,
- For efficiency and patient safety the PTPS must preserve data integrity and interconnectivity with the Varian Aria OIS and Varian ProBeam System including the CBCT system,
- For efficient and easy access and deployment of the System it must be accessible remotely,
- It must provide efficient and state of the art tools for supporting Adaptive Proton Therapy,

- It must support a high level of automation,
- It must support education and training of staff and relevant training courses hosted by Aarhus University Hospital and DCPT,
- It must support research at DCPT.

II.2.5) **Award criteria**

Criteria below

Quality criterion - Name: Quality of the system / Weighting: 55

Price - Weighting: 45

II.2.6) **Estimated value**

II.2.7) **Duration of the contract, framework agreement or dynamic purchasing system**

Start: 01/11/2016

End: 31/10/2021

This contract is subject to renewal: no

II.2.10) **Information about variants**

Variants will be accepted: no

II.2.11) **Information about options**

Options: yes

Description of options:

The scope of contract as stated in II.1.4) includes the following:

Necessary server hardware and workstations to be installed centrally for remote access (ex. Citrix farm). (This part is optional for the Contracting Authority to buy).

II.2.12) **Information about electronic catalogues**

II.2.13) **Information about European Union funds**

The procurement is related to a project and/or programme financed by European Union funds: no

II.2.14) **Additional information**

Tender documents will be available on www.udbud.rm.dk

In terms of the duration of the Contract see section 13 'Maintenance' in the contract. The time frame stated in this notice section II.2.7) is indicative.

Section III: Legal, economic, financial and technical information

III.1) **Conditions for participation**

III.1.1) **Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions:

Tenderers must complete and disclose the European Single Procurement Document (ESPD) as preliminary documentation for their suitability and to confirm that tenderers are not subject to grounds for exclusion.

Only the winner of the procurement procedure will be requested to submit the original documentation (section 7.1.3).

The ESPD is only accessible via the ESPD service provided by the European Commission: <https://ec.europa.eu/growth/tools-databases/espd/welcome>

As a standard the following parts must be completed:

—Part II: Information about the economic operator,

—Part III: Exclusion grounds.

If a tenderer is part of a temporary association of enterprises, such as a consortium, this must be stated in part II, section A of the ESPD and each of the participating economic operators must complete a separate ESPD with the information required.

III.1.2) Economic and financial standing

List and brief description of selection criteria:

There are no specific requirements in terms of Financial Capacity. Therefore ESPD part VI section B: 'Economic and financial standing' is not relevant and is not to be completed.

III.1.3) Technical and professional ability

List and brief description of selection criteria:

ESPD part VI section C 'Technical and professional capacity' must be completed.

In terms of technical capacity the tenderer must meet the following minimum requirements:

—The tenderer should provide references from similar assignments within PTPS completed within the last 3 years (or ongoing).

Minimum level(s) of standards possibly required:

—It is a minimum requirement that the tenderer can provide at least one reference site using the PTPS as the primary clinical installation for dose planning with Pencil Beam Scanning. Information on references must be stated in the ESPD document and must include the following informations:

- Contact information on customer,
- Description of the scope of the assignment,
- Description of the delivered services,
- Present status on the project.

III.1.5) Information about reserved contracts

III.2) Conditions related to the contract

III.2.2) Contract performance conditions:

III.2.3) Information about staff responsible for the performance of the contract

Section IV: Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

IV.1.3) Information about a framework agreement or a dynamic purchasing system

IV.1.4) Information about reduction of the number of solutions or tenders during negotiation or dialogue

IV.1.6) Information about electronic auction

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: yes

IV.2) Administrative information

IV.2.1) Previous publication concerning this procedure

IV.2.2) Time limit for receipt of tenders or requests to participate

Date: 08/09/2016

Local time: 12:00

IV.2.3) Estimated date of dispatch of invitations to tender or to participate to selected candidates

IV.2.4) Languages in which tenders or requests to participate may be submitted:

English

IV.2.6) **Minimum time frame during which the tenderer must maintain the tender**
Duration in months: 6 (from the date stated for receipt of tender)

IV.2.7) **Conditions for opening of tenders**

Date: 08/09/2016

Local time: 12:30

Information about authorised persons and opening procedure:

Tenderers or their representatives may not attend the opening of the tenders.

Section VI: Complementary information

VI.1) **Information about recurrence**

This is a recurrent procurement: no

VI.2) **Information about electronic workflows**

VI.3) **Additional information:**

VI.4) **Procedures for review**

VI.4.1) **Review body**

Danish Procurement Board of Complaints

Langelinie Allé 17

Copenhagen

2100

Denmark

E-mail: kfu@erst.dk

Internet address: <http://www.kfu.dk>

VI.4.2) **Body responsible for mediation procedures**

VI.4.3) **Review procedure**

Precise information on deadline(s) for review procedures:

Complaints must be submitted to the Danish Procurement Board of Complaints within 45 days after the

Contracting Authority has published a notice on award of contract. The deadline for submission of complaints is calculated from the day after publication of the notice of award of contract.

VI.4.4) **Service from which information about the review procedure may be obtained**

Danish Competition and Consumer Authority

Carl Jakobsens Vej 35

Copenhagen, Valby

2500

Denmark

Internet address: <http://www.kfst.dk>

VI.5) **Date of dispatch of this notice:**

03/08/2016