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Planning

Prosthetics for Reconstruction of Tissue Donors

NHS Blood and Transplant

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-006362

Procurement identifier (OCID): ocds-h6vhtk-043d68

Published 28 February 2024, 11:13am

Section I: Contracting authority

I.1) Name and addresses

NHS Blood and Transplant

203 Longmead Rd, Avon

Bristol

BS16 7FG

Contact

Sahithi Bandi

Email

sahithi.bandi@nhsbt.nhs.uk

Telephone

+44 7385149017

Country

United Kingdom

Region code

UKK12 - Bath and North East Somerset, North Somerset and South Gloucestershire

Internet address(es)

Main address

<https://www.nhsbt.nhs.uk>

Buyer's address

<https://www.nhsbt.nhs.uk>

I.3) Communication

Additional information can be obtained from the above-mentioned address

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<https://health-family.force.com/s/Welcome>

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Health

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Prosthetics for Reconstruction of Tissue Donors

II.1.2) Main CPV code

- 33000000 - Medical equipments, pharmaceuticals and personal care products

II.1.3) Type of contract

Supplies

II.1.4) Short description

NHS Blood & Transplant (NHSBT) intends to undertake a procurement tender exercise for the supply of Prosthetics for Reconstruction of Tissue Donors.

II.1.5) Estimated total value

Value excluding VAT: £200,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 33000000 - Medical equipments, pharmaceuticals and personal care products

II.2.3) Place of performance

NUTS codes

- UKK12 - Bath and North East Somerset, North Somerset and South Gloucestershire

II.2.4) Description of the procurement

Prosthetics for Reconstruction of Tissue Donors

NHS Blood & Transplant (NHSBT) intends to undertake a procurement tender exercise for the supply of Prosthetics for Reconstruction of Tissue Donors.

NHSBT now wishes to commence a formal procurement process and is seeking to engage with suppliers of Prosthetics.

Our Policy

Regarding reconstruction for tissue donation, we follow the standards set in the TQSR 2007 paying close attention to paragraph 110. "Once the tissues and cells have been retrieved from a deceased donor, the body must be reconstructed so that it is as similar as possible to its original anatomical appearance. Where appropriate, additional staff and equipment necessary for body reconstruction of deceased donors must be made available".

Our Purpose:

The purpose for prosthetics for reconstruction for tissue donation is to help retrievers return donors to their original anatomical appearance prior to donation taking place. We use prosthetics for the retrieval of long bone, patella, meniscus, traditional bone, massive allografts, bone for demineralised bone matrix (DBM) and whole knee.

Long straight – Is a full leg prosthetic, which is used from femoral head to bottom of tibia. The long straight prosthetics are used for the retrieval of long bone. The dimension of our current prosthetic is:

55.88cm (L) x 6.35cm (W) x 6.35cm (H)
working length: up to 95.25cm

Shorter straight – Is used from femoral head joint, to top of tibia. This is used for traditional bone retrievals where we take femoral head, femur and knee joint.

The dimension of our current prosthetic is:

43.18cm (L) x 6.35cm (W) x 6.35cm (H)
working length: up to 63.5cm

Small with ball joint – This is used for humeral donations which includes the head of the humerus and the length of humerus.

The dimension of our current prosthetic is:

16.5cm (L) x 3.8cm (W) x 3.18cm (H)
Working length: up to 22.8cm

Whole knee- This is used for retrieval of meniscus and patella.

The dimension of our current prosthetic is:

33cm (L) x 6.35cm (W) x 6.35cm (H)
working length: up to 43.18cm

Extenders – When returning donors back to their original anatomical appearance we sometimes use additional extenders for the current wooden prosthetics. These additional pieces help when we have a patient who is anatomically longer and requires a longer prosthetic to return them back to their original form. These extenders must have attachments, so we are able to connect in some fashion to all prosthetics mentioned above.

SOP5120- Retrieval of Patella Tendon

SOP5130- Retrieval of Meniscus & Osteochondrals

SOP5131- Retrieval of Massive Allografts

SOP5134- Retrieval of Femoral Heads, Femoral Shafts and Knee Joints

SOP5176 - Retrieval of Bone for Demineralised Bone Matrix (DBM)

SOP5298 - Retrieval Closure

SOP5132 – Retrieval of Articular Cartilage for Research and Development Purposes

SOP5331 - Retrieval of Patella Tendon for Research and Development Purposes

SOP5332 - Retrieval of Whole Knee for Research And Development Purposes.

SOP6096 - Retrieval of Massive Allografts for Research and Development

The spike at the end of the prosthetics used to be a metal screw, allowing us to screw this into bone marrow which stabilised the leg. However, we have now changed over to all wooden approach to ensure the donor does not have any metal in them on reconstruction (for the purpose of cremation and decomposition). So now we have a sharpened end of the dowel at the bottom to make it easier to insert into the bone marrow. This insertion structure must be a consistent feature for all prosthetics.

We are also trying to become more environmentally friendly; this also includes the glue that is used. Therefore, the entire prosthetic must either be biodegradable or non-hazardous/toxic to flora and fauna relating to green burials.

Key Features

Biodegradable

- o Non-hazardous/toxic to flora and fauna relating to green burials.

Extendable

- o Spiked ends - To allow us to insert the prosthetic into the donor's bone (cut or intact) for stability

It is NHSBT's intention to hold pre-procurement supplier engagement meetings the week of

6th March 2024 to 25th March 2024 The meetings will be held remotely, the dates are to be confirmed. To enable NHSBT to finalise arrangements (e.g. send meeting details and agree time slots) for the meeting's, interested organisations are required to send an expression of interest via email to sahithi.bandhi@nhsbt.nhs.uk by no later than 17:00 hrs (GMT) on 25/03/2024. This should include a list of your potential attendees and a brief overview (or a website link) of the Goods / Services which might be offered.

No business whatsoever is guaranteed under any resulting framework agreement or contract, and there is no guarantee that any framework agreement or contract will be put in place in relation to this notice. No compensation etc. will be paid if a tender or resulting framework agreement is withdrawn for any reason. Bidders should take part in this process only on the basis that they fully understand and accept this position.

It should be noted that this procurement exercise may allow other Health authorities to use any agreements awarded.

II.3) Estimated date of publication of contract notice

28 February 2024

Section IV. Procedure

IV.1) Description

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

The procurement is covered by the Government Procurement Agreement: Yes