

NOTICE FOR CHANGE OF TECHNICAL SPECIFICATION

TENDER: ITB

BENEFICIARY COUNTRY: Ukraine

REFERENCE NUMBER: UNOPS-UJ-2016-G-007

DESCRIPTION: Procurement of Multi-slice CT scanners and X-ray Stationary Digital Systems for hospitals in Ukraine

UNCCS CODE: 42201500, 42201501

POSTING DATE: 17 June 2016

Section IV: Schedule of Requirements, B. Technical specifications for Goods and Comparative Data Table, Lot No 1: Multi-slice Computed Tomography equipment is hereby changed as follows:

Scanning settings:

- *Minimum time full (360 deg.) gantry rotation maximum 0.35 seconds* is changed to: **Minimum time full (360 deg.) gantry rotation maximum 0.4 seconds;**
- *Modes of scanning: spiral, step by step, dynamic* is changed to: **Ability to choose different scan modes;**
- *The speed of reconstruction, at least 30 images/sec* is changed to: **The speed of reconstruction, at least 25 images/sec.**

Gantry and patient table:

- *The width of the table the patient not less than 420mm* is changed to: **The width of the table the patient not less than 410mm**
- *The ability to control movement table and tilt gantry from operator console* is changed to: **Table and/or Gantry control from Operator Console**

Therefore, *Section IV: Schedule of Requirements, B. Technical specifications for Goods and Comparative Data Table, Lot No 1: Multi-slice Computed Tomography equipment* reads as follows:

| Item No | UNOPS minimum technical requirements | Quantity | Is Bid compliant? Bidder to complete | Details of goods offered. Bidder to complete |
|---------|---|----------|---|---|
| 1. | <p><u>Spiral multislice CT Scanner, with capability for comprehensive whole body imaging including cardiac, neuro, chest, abdomen, musculoskeletal and vascular imaging with the following minimum requirements:</u></p> | 2 | <input type="checkbox"/> Yes <input type="checkbox"/> No | Insert details of goods offered, including specifications and brand/model offered if applicable |
| | <p><u>Scanning settings:</u></p> <ul style="list-style-type: none"> -Computed tomography should be multislice scanning the entire human body that ensures the generation of at least 64 slices per rotation. -Minimum time full (360 deg.) gantry rotation maximum 0.4 seconds -The maximum scan field in X direction at least 500 mm - ability to choose different scan modes -The maximum time of one continuous scan at least 60 seconds. -The maximum scan field in the longitudinal direction at a Y scann not less than 1750mm -The speed of reconstruction, at least 25 images/sec. | | | |
| | <p><u>Generator and X-ray tube:</u></p> <ul style="list-style-type: none"> -Generator of rated output at least 60 kW - X-ray tube voltage in the range of at least 80 kV to 135 kV -Range of current X-ray tube current for at least 20- 500 mA; -X-ray tube heat capacity not less than 7.5 MHU -Maximum anode cooling rate not less than 1200 kHU/min -At least two focal spots | | | |

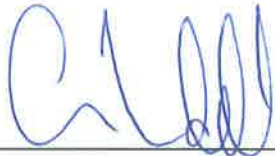
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| <p>Detector system:</p> <ul style="list-style-type: none"> -The detector should be solid type, multirows - the number of elements in one row not less than 670 <p>The number of rows of the detector no less than 64</p> <p>Cover detector for one rotation not less than 40 mm</p> | | | |
| <p>Gantry and patient table:</p> <ul style="list-style-type: none"> -Gantry aperture not less than 700mm in diameter -Gantry tilt angle of not less than $\pm 30^\circ$ -Movement table should be motorized -The table max. allowable load at least 200 kg -The width of the table the patient not less than 410mm -Range table moving horizontally not less than 160 cm - Table and/or Gantry control from Operator Console | | | |
| <p>Operator Console:</p> <p>Brand name computer the keyboard and mouse, Medical</p> <p>Grade Color Monitor monitor size not less than 19 inches and with a resolution of 1280x1024 or better</p> <p>Uninterrupted power supply</p> <p>The Special software (in Russian/Ukrainian or English language interface) should provide the following functions by scanning and analysing the exam results:</p> <ul style="list-style-type: none"> - Availability of standard protocols studies considering the anatomical areas examination - Changes the study plan - The possibility of drawing up personal exam protocols - Change of width and window level - Preset window - Cineview - Display the cut position - Zoom - Various shapes and sizes of areas of interest - Measurement of distances and angles - Scaling and overlay grid coordination - Calculation of volume - Text and graphics editor - Image rotation - Applying a filter to the image - Priority reconstruction and printing - Display of multiple frames - Reconstruction of the raw data | | | |

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| <p><u>Doctor's workstation:</u> The workstation must have characteristics not less than: -Processor 3.5 GHz -32 GB DDR RAM -Four (4) x 1 TB hard drives in a RAID 10 -4GB video card -Microsoft Windows 7 Professional 64-bit Edition with SP1, or Microsoft Windows 8.1 Professional or Enterprise 64-bit Edition 3.7MP, MS Office, all in Ukrainian language interface 24-inch medical monitor (Resolution: 1920x1200) Data recording on CD-ROM, DVD-ROM, USB keyboard, mouse UPS 850 VA</p> <p>The Special software should provide the following functions: - Change of width and window level - Zoom - Various shapes and sizes of areas of interest - Measurement of distances and angles - Calculation of volume - Text and graphics editor - Image rotation - Applying a filter to the image - Display of multiple frames - Displaying and comparing several series of images of the patient one or various studies - Volume calculation - A full set of three-dimensional reconstructions of the possibility of segmentation subtraction, cutting and image overlays - Multiplanar reconstruction (MPR) including oblique and the curve - Create a maximum projection (MIP) and minimum (MinIP) intensity - Filming - Generating reports - Write to optical discs</p> | | |
| <p><u>Clinical applications on the console and workstation doctor:</u> -Volumetric perfusion of the brain with Software to create images with subtractions (creating iodine maps of lungs) Software for body perfusion</p> | | |

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| <p><u>Accessories:</u></p> <ul style="list-style-type: none"> -The holder / straps for fixation of head -Straps for fixation of body -The holder of the hands of the patient -Double head injector or mounted bottle automatic injector for contrast bolus, availability -Printer "dry" printing with the possibility of film 14x17 inches and 8x10, availability UPS for digital system not less than 120 kVA Powerbox Leadglass at least 100 x 90 cm | | | |
| <p><u>WARRANTY:</u></p> <p>All items supplied in this Lot shall include full manufacturer warranty granted for a minimum of two years.</p> <p><u>MAINTAINANCE DURING WARRANTY PERIOD:</u></p> <p>The tenderer must have a maintenance and technical support office or a company authorised by the Manufacturer to solve any problem on site in Ukraine. The response time must not be more than 24 hours. The name of the company, address, telephone- and fax numbers, e-mail address must be mentioned in the bid (please state or attach the list of available service network in Ukraine)</p> | | | |
| <p><u>TRAINING:</u></p> <p>The Bidder has to organize appropriate user training in Ukrainian language for effective and problem-free use of the equipment included in this LOT in each of the location mentioned in the distribution list.</p> <p>A training proposal for the operation of the equipment will be submitted by the Bidder in the tender.</p> <p>This proposal shall include at least:</p> <ul style="list-style-type: none"> •Schedule and duration •Description of training materials | | | |

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| | <p><u>STANDARDS:</u></p> <p>All equipment should be from a branded source with a certified quality assurance system and have the following certifications:</p> <ul style="list-style-type: none">• International Standard Organization (ISO);• CE marking <p>Bidders shall ensure conformity of the equipment with all applicable Ukrainian regulations (customs, usage...).</p> | | | |
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Please be advised that UNOPS reserves the right to amend tender documents at any time. Any amendments or clarifications will be posted on www.europeanprogres.org and www.sagradimodom.org for the concerned case. We kindly ask you to check the sites before submitting your proposal.



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