



## INVITATION TO BID (ITB18/01746)

### Procurement of Digital radiological installation for radiography, radioscopy and tomosynthesis for the Ministry of Defense Hospital Clarification Questions and Answers (as of 17-24 May 2018)

- Q.1. The 750 kHU is a company specific parameter, which restrict all other manufacturers. Anode heat capacity is not a unique parameter which determinates the tube heating/cooling characteristics. 600 kHU is not limiting even the more demanding fluoroscopy examination. Can 600kHU be accepted as minimum criteria?
- A.1. According to our market analysis X-Ray tube heat capacity of 750kHU or more is not a company specific parameter. The higher the heat capacity of device the faster the working speed of the equipment. For high quality investigations are required short and powerful X-ray impulses that generate massive heat, thus the higher heat storage capacity, more powerful impulses can be generated, resulting in higher quality of fluoroscopy and tomosynthesis. Considering that the equipment will perform investigations for various parts of the human body, leading to more heat production due to high dose kV, increased heat storage capacity is required. Therefore, please refer strictly to the ITB provisions.
- Q.2. Distance between head end of tabletop and x-ray beam center is indicated as 95 mm or less. It is irrelevant what is the beam distance from edge of the table. Can 125mm be accepted as minimum criteria?
- A.2. Since the distance between head end of tabletop and X-ray beam center has a direct relationship with the quality and detail of the acquired image, please refer strictly to the ITB provisions.
- Q.3. For the flat panel detector there are requirements in section 2-4 (3) and 2-5. Which specifications do I have to consider when preparing the offer?
- A.3. Line 2-4(3) represents the technical specification for the flat panel detector (minimal technical specifications for fluorography) however 2-5 represents the technical specification for the Digital Fluoroscopy Unit (minimal technical specifications for fluoroscopy).
- Q.4. For image acquisition there are different requirements in specs 2-5 (7) and (8) and in 2-7 (1 to 5). Which specifications do I have to consider when preparing the offer?
- A.4. Line 2-5(7) represents the minimal technical specifications for the image acquisition speed of the flat panel detector and the specifications from Line 2-7 (1-5) represents the minimal technical requirement of the X-ray generator acquisition speed.
- Q.5. In the purpose of Basic Specification Sheet, 3 working place is mentioned: "Fluoro table, Bucky table and Bucky stand". But in the Composition and Specification sections in the sheet, there is no information about Bucky table (or Radiography) and Bucky stand. Could you clarify if you need:  
- One table with Radiography and Fluoroscopy function? if so, the Bucky stand will not be equipped;  
or  
- Two separate tables: Radiography/Bucky table and Fluoroscopy table. If so, what are the specifications of the Radiography/Bucky table?
- A.5. Bucky table and Bucky stand are not required. You should provide the quotation according to the specification file respecting the mentioned composition (Point 1.1).
- Q.6. In Technical Evaluation "The Supplier will have to provide Authorized Service Center in the Republic of Moldova and neighboring countries Ukraine or Romania" — is the Authorized Service Center only in Ukraine qualified?
- A.6. Authorized Service Center in Ukraine is accepted.



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- Q.7. In Price Schedule “please state FCA International Airport” – can sea port be accepted?  
A.7. Our previous experience shows that goods might be damaged during sea transportation, as well as time ranks are very difficult to be respected in case of such a transportation method. Therefore, please refer strictly to the ITB provisions.
- Q.8. In Section 4. Evaluation Criteria, Technical Evaluation: UNDP requires Evidence from specialized literature on the clinical efficiency of tomosynthesis for lungs, abdominal cavity and bones (copies of articles, links to published materials, etc). Please clarify what do you mean? Is a list of experiences and letters of references accepted for this point? Is this evidence compulsory?  
A.8. Under this evaluation criteria it is required to supply publicly available references from specialized literature (links to: clinical studies, scientific reports) proving the efficiency of lung, abdominal cavity and bone tomosynthesis performed by the supplied device.
- Q.9. Could you kindly revise and delete the requirement for ANRNA Certificate?  
A.9. The Certificate form ANRANR is a mandatory condition and cannot be amended. It should be issued on the name of the bidder (or one of the bidders in case of Joint venture), certifying that it is authorized to supply radiological equipment in the country, thus it is required to ensure safety and vigilance of the supplied equipment.