ΕΝΤΥΠΟ 10

ΠΙΝΑΚΑΣ ΚΡΙΤΗΡΙΩΝ ΑΞΙΟΛΟΓΗΣΗΣ

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|  | **Evaluation Criteria** | | | **Weight Factor** |
| **A** | **Technical Specifications** | | | **90 %** |
| **A.1** | **1 INSTALLATIONS CONDITIONS** | | | **2%** |
| **A.1.1** | 1.5 | State Power consumption. For lower than (peak) 65W (2%) | | 2 |
| **A.2** | **2 X RAY GENERATION (GENERATOR AND TUBE) REQUIREMENTS** | | | **12%** |
| **A.2.1** | 2.2 | State the output power of the generator (Large focus). (Min 80kWh).  100kWh or higher (4%).  In between values will be graded accordingly | | 4 |
| **A.2.2** | 2.4 | State anode heat capacity (min 800kHU)  1000 kHU or higher (2%)  State housing heat capacity (min 2500kHU)  2800kHU or Higher (2%)  In between values will be graded accordingly | | 4 |
| **A.2.3** | 2.5 | State Maximum anode heat dissipation (min 160kHU/min)  180 kHU/min or higher (4%).  In between values will be graded accordingly | | 4 |
| **A.3** | **4 DETECTORS REQUIREMENTS** | | | **36%** |
| **A.3.1** | 3.2 | Active detector area of at least 40cm x 40 cm  43cm x 43 cm or higher (4%)  In between values will be graded accordingly | | 4 |
| **A.3.2** | 3.5 | State pixel size (max 150x150μm)  100μm or lower (10%)  In between values will be graded accordingly | | 10 |
| **A.3.3** | 3.6 | State image bit depth (min 14bit)  16 bit or more (4%)  In between values will be graded accordingly | | 4 |
| **A.3.4** | 3.7 | State DQE for the detector (RQA5 values, IEC 62220):  DQE(1lp/mm) (min 50%)  DQE(2lp/mm) (min 40%)  DQE(3lp/mm) (min 35%)  In between values will be graded accordingly | | 6 |
| **A.3.5** | 3.8 | State MTF (average) for the detector (RQA5 values, IEC 62220):  MTF(1lp/mm) (min 65%)  MTF(2lp/mm) (min 40%)  MTF(3lp/mm) (min 25%) | | 6 |
| **A.3.6** | 3.12 | Battery charge time (max 5h)  3h or less (2%)  Battery operation time (min 6h)  8h or more (2%)  In between values will be graded accordingly | | 4 |
| **A.3.7** | 3.13 | Mass of detector incl. battery (min 3.2kg)  2.8k or less (2%)  In between values will be graded accordingly | | 2 |
| **A.4** | **Equipment use/Software/Imaging applications** | | | **40%** |
| **A.4.1** | 3,7,9,10 | Vendors to arrange a visit at available sites to demonstrate the equipment to the committee. This should be at a hospital where the unit is used in a clinical setting.  The committee will then assess the use of equipment based on this visit (max 20%). | | 20 |
| **A.4.2** | 8 | Please provide various standard X ray clinical images including various anatomical sides like Chest, abdomen, head pelvis. The committee will then assess the image quality based on these images (max 5%). | | 10 |
| **A.4.3** | 3.4 | Describe any features that are termed optional in the specifications, but you have included them in the standard package with no cost (i.e. second detector) (10%). | | 10 |
| **B** | **Project team** | | | **10%** |
| **B.1** | **Project Manager – Maintenance Engineer** | |  | **7%** |
| **B.1.1** | Master’s degree in field related with the project or registered member of the Cyprus Scientific and Technical Chamber (ETEK) | | 2% |  |
| **B.1.2** | 5 years’ experience in similar projects. | | 3% |  |
| **B.1.3** | Training Certification published by the manufacturer | | 2% |  |
| **B.2** | **Maintenance Engineer** | |  | **3%** |
| **B.2.1** | Master’s degree in field related with the project or registered member of the Cyprus Scientific and Technical Chamber (ETEK) | | 1% |  |
| **B.2.2** | 5 years’ experience in similar projects. | | 1% |  |
| **B.2.3** | Training Certification published by the manufacturer | | 1% |  |