

TECHNICAL & PERFORMANCE SPECIFICATION FOR MEDICAL EQUIPMENTS

التجهيزات الطبية

مراكز الرعاية الصحية

| | | | |
|------------------|--|-----------|------------------------------|
| Item Code | 4455260040013 | GROUP # | PHC290 |
| ITEM DESCRIPTION | DIGITAL DENTAL X-RAY UNIT - WALL MOUNT | اسم البند | جهاز أشعة أسنان رقمي - جداري |

| MODEL OFFERED | | MANUFACTURER | COUNTRY OF ORIGIN |
|---------------|---|--|-------------------|
| | | | |
| | | | |
| # | TECHNICAL PARAMETERS | SPECIFIED | RESULT |
| 1 | SYSTEM TYPE | High Frequency Intra Oral X-ray unit | |
| 2 | X-RAY TUBE ANODE | Yes | |
| 3 | Type | Fixed | |
| 4 | Minimum total filtration ,mm Al | 2.5 | |
| 5 | Heat capacity, HU | 30,000 | |
| 6 | Focal spot size, mm | 0.7 x 0.7 | |
| 7 | Focal length | 200mm | |
| 8 | X-RAY GENERATOR | | |
| 8.1 | Type | High Frequency Microprocessor | |
| 8.2 | kV range | 60-70 | |
| 8.3 | mA range | 15-30 | |
| 8.4 | Exposure time | 0.5 -3.2 sec | |
| 8.5 | Film mode | 7mA-RVG Mode: 4mA | |
| 8.6 | SID, mm | 200-300 | |
| 8.7 | DOSE REDUCTION | 25-40 % approx | |
| 8.8 | FILM SIZE, cm | All intra oral | |
| 8.9 | SYSTEM CAPABILITIES | Different sensitivity films and digital radiograph sensors adjustable. | |
| 8.10 | TMJ | Yes | |
| 8.11 | OTHERS | Specify in offer | |
| 9 | PATIENT TYPES | | |
| 9.1 | Adult | Yes | |
| 9.2 | Pediatric | Yes | |
| 9.3 | Seated | Yes | |
| 9.4 | Standing | Yes | |
| 10 | AIMING/POSITIONING | | |
| 10.1 | Ergonomic handle for incomparable ease of positioning | Yes | |
| 10.2 | Very light tube head with Precise control of angulations | Yes | |
| 11 | CONTROL PANEL | | |
| 11.1 | Digital display, Microprocessor control Programmable timer | Yes | |
| 11.2 | An Adult / Child selection, ideal exposure pre-programmed time for each tooth arch key. | Yes | |
| 11.3 | An occlusal / bitewing setting | Yes | |
| 11.4 | Film sensitivity and exposure time adjustment | Yes | |
| 12 | POWER SUPPLY | | |

THE BIDDER MUST COMPLY WITH ALL ABOVE SPECS. AND MUST FILL HIS OFFER IN THE "OFFERED" COLUMN THEN STAMP AND SIGN THE SHEET.



يلتزم مقدم العطاء بكافة المواصفات الفنية الموضحة أعلاه كما يلتزم بتعبئة عرضه المقدم على أوراق المواصفة بالخانة الموضحة مع ختمها وتوقيعها

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|------|---------------------------------------|--|--------|
| 12.1 | Voltage | 220V, max. 15A, 1 Phase | |
| 12.2 | Frequency | 60Hz | |
| 12.3 | Power Cord | 3Pin BT, 1-2 Meter Length | |
| 13 | ACCESSORIES | Yes, All Standard accessories to make the unit fully functional & immediate use (Provide list with offer) | |
| 14 | OTHER SPECIFICATIONS AND ACCESSORIES. | Following items to be supplied with the Intra Oral Radiography unit:-Apron hanger & Lead apron 0.3 & 0.25 Arm lengths suitable for the clinic with 3 mounting possibilities for the bracket to the right, to the left and Vertical | |

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