

Dental X-Ray Software and Hardware Equipment	
Demand Reference	DSE/06/26/02
Description	Dental Digital X-Ray IT System with Romexis 7.0 Software Application and corresponding Hardware (Client)
Quantity Required	12 units

Ser	Technical Data & Dimensional		Offer
	Item	Specification	
(a)	(b)	(c)	(d)
Essential			
1	General	Upgrading both the hardware and software of Romexis system for 6 units in Berakas Dental Centre, 3 units in Penanjong Dental Centre and 3 units in Muara Dental Centre. It can significantly improve clinic efficiency, diagnostic accuracy, and overall user experience – especially if you're working with CBCT scans, implant planning, CAD/CAM workflows, or AI-powered features. Major version upgrades from Romexis 6 to Romexis 7 Major version update of Romexis Clinic Management Major version update of Romexis 2D Software Major version update of Romexis 3D software	
2	Technical Specification	Hardware: Processor : Intel Core Ultra 7 265 or better Ram : 16 GB DDR5 6000 MHz Storage : 1 TB NVMe Gen4 SSD OS : Windows 11 GPU : NVIDIA RTX 4060 8 GB Monitor : 24" Full HD monitor Softwares: ROMEXIS 7 that includes features as follows: AI-Powered Automation Introduces built-in AI tools that automatically: • Detect and segment teeth • Trace mandibular nerves • Identify airways and sinuses • Recognize cephalometric landmarks • Automatically fit CBCT images with intraoral scans	
3	Features	Hardware Upgrade features: • Faster CBCT Processing • Smoother Multitasking for opening multiple patient cases • Faster AI Processing • Faster Database and Image Access especially quicker CBCT loading • Better Stability for Multi-User Clinics • Improved system stability	



		• Better cybersecurity support through modern operating system • Greater storage scalability Softwares Upgrades features: • Smart workflow guidance • Enhanced 3D rendering • Automatic tooth recognition • CBCT and intraoral scan matching • Less manual image processing	
Installation and Support			
4	Approved Agent Status	It is essential that the contractor/ Supplier submit a letter from the manufacturer stating that they: • Manufacturers authorized the supplier of the equipment • Are authorized by the manufacturer to install; test and commission their equipment	
5	Warranty	It is essential that the manufacturer provided a minimum of 1 year warranty support (parts and labor) from the date of acceptance into service	
Desirable			
6	Preferred Model/ Brand & country Origin of the manufacturer	Romexis 7.0 or Better	

***Important Notice**

This specification annex form must complete and attached with the quotation tenders provided.

Company / Supplier Chop & Signature

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Dental X-Ray Software and Hardware Equipment	
Dental Services RBAF Demand Reference	DSE/06/26/02
Descriptions	Dental Digital X-Ray IT System with Romexis 7.0 Software Application and corresponding Hardware (Client)
Quantity Required	12 Units
Preferred Model/Brand & Country Origin of the Manufacturer	Preferred Brand: Romexis 7.0 or Better
Submitting Catalogue/Brochures	The Supplier must submit the Catalogue/brochures completely for the offered item.



Dental X-Ray Software and Hardware Equipment	
Demand Reference	DSE/06/26/04
Description	Dental Digital X-Ray IT System with Romexis 7.0 Software Application and corresponding Hardware (Server)
Quantity Required	3 units

Ser	Technical Data & Dimensional		Offer
	Item	Specification	
(a)	(b)	(c)	(d)
Essential			
1	General	Upgrading both the hardware and software of Romexis system for Berakas, Muara and Penanjong Dental Centre. It can significantly improve clinic efficiency, diagnostic accuracy, and overall user experience – especially if you're working with CBCT scans, implant planning, CAD/CAM workflows, or AI-powered features. Major version upgrades from Romexis 6 to 7 Major version update of Romexis Clinic Management Major version update of Romexis 2D Software Major version update of Romexis 3D software	
2	Technical Specification	Hardware: Processor Intel Core Ultra 7 265 or better Ram 32 GB DDR5 6000 MHz Storage 1 TB NVMe Gen4 SSD (OS + Romexis) Additional 4 TB NVMe SSD for storage (RAID1 mirroring) OS Windows 11 GPU NVIDIA RTX 4070 12 GB Monitor 27" QHD monitor	
3	Features	Software Upgrades Advantages AI-Powered Automation Introduces built-in AI tools that automatically: Detect and segment teeth Trace mandibular nerves Identify airways and sinuses Recognize cephalometric landmarks Automatically fit CBCT images with intraoral scans Improved User Experience Fewer clicks Cleaner interface Better workflow navigation Smart workflow guidance Better Patient Communication Enhanced 3D rendering Automatic tooth recognition CBCT and intraoral scan matching Allow clinicians to explain treatment plans more clearly to patients	



		Hardware Upgrade Advantages Faster CBCT Processing Smoother Multitasking for opening multiple patient cases Faster AI Processing Faster Database and Image Access especially quicker CBCT loading Better Stability for Multi-User Clinics Operational Benefits Faster patient workflow Reduce waiting time Improve staff productivity Less manual image processing Clinical Benefits Better diagnostic accuracy Enhanced case presentation IT Benefits Improved system stability Better cybersecurity support through modern operating system Greater storage scalability Reduced downtime	
Installation and Support			
4	Approved Agent Status	It is essential that the contractor/ Supplier submit a letter from the manufacturer stating that they: - Manufacturers authorized the supplier of the equipment - Are authorized by the manufacturer to install; test and commission their equipment	
5	Warranty	It is essential that the manufacturer provided a minimum of 1 year warranty support (parts and labor) from the date of acceptance into service	
Desirable			
6	Preferred Model/ Brand & country Origin of the manufacturer	Romexis 7.0 or Equivalent	

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Dental Services RBAF Demand Catalogue Reference

Appendix 8-1



Dental X-Ray Software Equipment	
Dental Services RBAF Demand Reference	DSE/06/26/04
Descriptions	Dental Digital X-Ray IT System with Romexis 7.0 and corresponding Hardware (Server)
Quantity Required	3 Units
Preferred Model/Brand & Country Origin of the Manufacturer	Preferred Brand: Romexis 7.0 or Equivalent
Submitting Catalogue/Brochures	The Supplier must submit the Catalogue/brochures completely for the offered item.

