

ALLEGATO B DISCIPLINARE

Technical performace		Tot. 45	Insert Value
Sub Criteria	Value	Points	
Gantry Rotation Angle (Theta)	Theta $\geq 360^\circ$	1,91	
	$220^\circ \leq \text{Theta} < 360^\circ$	0,96	
	Theta $< 220^\circ$	0,00	
Gantry Rotation Speed (GRS)	GRS ≥ 1 rpm	0,48	
	0.5 rpm \leq GRS < 1 rpm	0,24	
	GRS < 0.5 rpm	0,00	
Multiple selection of the gantry rotation speed	Yes	0,48	
	No	0,00	
Gantry angle accuracy	$\leq 0.25^\circ$	0,48	
	$> 0.25^\circ$	0,00	
Gantry residual rotation after emergency stop at maximum speed (Rot)	$\leq 3^\circ$	0,48	
	$3^\circ < \text{Rot} < 5^\circ$	0,00	
Anticollision software / hardware system for couch, gantry and imaging system	redundant	0,48	
	not redundant	0,00	
Evidence that the gantry, the CBCT and the Patient Positioning System are compatible with the treatment of anaesthetized patients	Yes	0,48	
	No	0,00	
Alignment lasers: manual or automatically from remote moved	automatic from remote	0,48	
	manually	0,00	
Patient Positioning System max patient load (table top weight not included)	Weight ≥ 180 kg	0,48	
	150 kg \leq Weight < 180 kg	0,24	
	Weight < 150 kg	0,00	
Patient weight compensation system	Yes	0,96	
	No	0,00	
Table top rotation in treatment mode	$\geq 180^\circ$	0,48	
	$< 180^\circ$	0,00	
Lowest height of the table top	≤ 75 cm	0,48	
	> 75 cm	0,00	
Roll and pitch angles	$\geq +/-5^\circ$	0,48	
	$< +/-5^\circ$	0,00	
Width of the volume usable for treatment and imaging (within which the accuracy of the couch position is guaranteed)	≥ 50 cm	0,48	
	< 50 cm	0,00	
Height of the volume usable for treatment and imaging (within which the accuracy of the couch position is guaranteed)	≥ 40 cm	0,48	
	< 40 cm	0,00	
Length of the volume usable for treatment and imaging (within which the accuracy of the couch position is guaranteed)	≥ 100 cm	0,48	
	< 100 cm	0,00	
Distance between center of treatment volume and couch rotation axis	≥ 80 cm	0,48	
	< 80 cm	0,00	
Absolute position accuracy of the couch	≤ 0.5 mm	0,48	
	> 0.5 mm	0,00	
Absolute rotation accuracy of the couch at isocenter	$\leq 0.5^\circ$	0,48	
	$> 0.5^\circ$	0,00	
Maximum treatment Field Size at the isocenter (cm ²)	$\geq 25 \times 40$	4,79	
	between 20×24 and 25×40	0,96	
	$\leq 20 \times 24$	0,00	
Adjustment of the Bragg Peak depth in water	≤ 1 mm	0,48	

Full risk guarantee extension included besides the standard 24 months	12 months	2,50
	6 months	1,25
	no	0,00
Number of days required in two years for planned maintenance during weekends or nights (approximately from 22:00 to 6:00) in order to guarantee the availability of the machine 24/7	≤30	2,50
	30 < Days ≤ 45	1,25
	> 45	0,00
Number of working days required in two years for planned maintenance in order to guarantee the availability of the machine 24/7	≤ 10 days	2,50
	10 < days ≤ 15	1,25
	> 15 days	0,00
Training program for the CNAO personnel (operation, maintenance, repair)	Program, organization and quality will be evaluated	up to 5

This item shall be indicated by the Bidder in the document: Programma di formazione del personale CNAO [art. 16 lett. e) Disciplinary di gara]

Research and development		Tot. 10
Sub Criteria	Value	Points
R&D developments proposed by the Contractor	The presentation of future research programmes performed by the Contractor using the technology, or related to it, is required. The number as well the quality of the programmes proposed will be evaluated. The conditions, priority and the exclusivity to involve CNAO shall be declared and will be evaluated.	up to 5

Insert Value
This item shall be indicated by the Bidder in the document: Proposta strategica delle attività di ricerca e sviluppo [art. 16 lett. f) Disciplinary di gara]