

Department	Standard Components	Room Tag:	3680
Room Name	Radiotherapy Bunker Room	Room Code:	RAD-BUNK-SJ
<b>Net Room Area Briefed</b>	150.0 M2		
<b>No of Rooms</b>	1		
<b>Subtotal of Briefed Area</b>	150.00 M2		
<b>Hours of Operation</b>	8am to 8pm, daily		
<b>Occupancy</b>	1 patient, up to 4 staff		
<b>Also covers these Rooms</b>			
<b>Remarks</b>	84m2 internal room measurement		
<b>Description/ Special Requirements</b>	<p>The Radiotherapy Bunker room will accommodate a medical linear accelerator, used primarily to treat cancer. The Linear accelerator uses a high energy radiation to localise treatment on a cancer. Radiation shielding will be required, most commonly concrete is used as the primary shielding material. A Control Room will be located adjacent to the Bunker Room.</p> <p>Additional Design Requirements:</p> <ul style="list-style-type: none"> <li>- Radiation shielding to walls and glazing as advised by Radiation Consultant</li> <li>- Laser positioning lights will be required to manufacturers details</li> <li>- 'Beam on' Warning lights will be required at room entrance</li> </ul> <p>Body Protected electrical area</p>		
<b>Amendment</b>	13.03.2014 - First Issue		

## Room Fabric and outline specifications

ID	Fabric	Material	Finish	Specification	Selection	Remarks
5030	Ceiling	Plasterboard	Prefinished	Drop-in tiles, 600x1200		allows access to in-ceiling services
6025	Cornice	Aluminium	Powdercoat	shadow line		
8040	Door protection	Composite	Prefinished PVC	To door frame		
8010	Door protection	Composite	Prefinished PVC	Protection plate to 900 AFFL		
9125	Doors	Solid Core/ Glass	Paint	1 1/2 leaf, observation panel		1500mm clear opening, electronically operated
1000	Floor finish	Vinyl	Standard slip resistant	Seamless, coved		
2000	Skirting	Vinyl	Prefinished	Floor vinyl coved, 150 mmH		
3000	Wall finish	Paint	Acrylic, washable			
3022	Wall finish	Resinate, 6mm	Prefinished	Splashback		above bench
4030	Wall protection	Composite	Prefinished PVC	Corner guards to 900 AFFL		as required

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## Fittings and Furniture (FF)

ID	Description	Category	Group	Qty	Selection / Remarks
1050	Bench: laminate	Furniture/ Fitting	1	2	1 with inset sink
1050	Bench: laminate	Furniture/ Fitting	1	1	workstation & preparation
1950	Chair: ergonomic, high	Furniture/ Fitting	3	1	to workstation bench
4360	Cupboard: door ht adj. shelves	Furniture/ Fitting	1	2	
4430	Cupboard: drawer unit	Furniture/ Fitting	1	1	Full height, FFDA storage drawers
4430	Cupboard: drawer unit	Furniture/ Fitting	1	1	Full height
4391	Cupboard: special	Furniture/ Fitting	1	1	WedgeTrays & Compensator Tray storage
4391	Cupboard: special	Furniture/ Fitting	1	1	Electron Applicator storage
4391	Cupboard: special	Furniture/ Fitting	1	2	Block Tray storage
4410	Cupboard: under bench	Furniture/ Fitting	1	3	under benches
4460	Cupboard: wall mounted	Furniture/ Fitting	1	1	over sink bench
6152	Dispenser: disposable glove	Furniture/ Fitting	2	1	
6154	Dispenser: paper/ hand towel	Furniture/ Fitting	2	1	to sink
6156	Dispenser: soap	Furniture/ Fitting	2	1	to sink

## Fixtures, Equipment and associated Services (FE)

ID	Description	Group	Qty	Ele	Data	Cd	WH	TW	/m	WTap	Dns	Gas	Selection / Remarks
7300	Camera: CCTV security	1	2	yes	___	___	___	___	___	___	___	___	to view patient
33300	Linear accelerator	2	1	yes	___	___	___	___	___	___	___	___	services according to manufacturer's specifications
35950	Monitor	3	1	yes	opt	___	___	___	___	___	___	___	in-room monitor
2022	Positioning laser: radiotherapy	3	5	yes	___	___	___	___	___	___	___	___	final qty as per manufacturer's specifications
47800	Sink, SS: single in bench	1	1	___	___	yes	opt	opt	yes	yes	___	___	sensor taps

## Services

ID	Description	Service Category	Qty	Selection / Remarks
1040	Intercom	Communications	1	handsfree, for patient communication
1006	Voice / Data outlet: double	Communications	1	1 outlet for telephone
5000	Airconditioning	HVAC		
6110	Downlights: dimmable	Lighting		
6001	General: colour corrected	Lighting		
9040	Body protected	Power		
9001	GPO: Double	Power	2	
9060	GPO: Special: for equipment	Power	1	linear accelerator