

Table 1 – List of Equipment

Item	Product Commodity	Item Description	Quantity	<i>Reference Item only</i>
1	Radiology Quality Control	Phantom for image quality tests of general radiography x-ray units including low contrast resolution, high contrast detectability, line pair resolution, and sensitometric analysis.	1	<i>LEEDS phantom TOR CDR, or equivalent</i>
2	Radiology Quality Control	Test tool for collimator and beam alignment for quality control testing of general radiography x-ray units	1	<i>Sun Nuclear collimator and beam alignment tool, or equivalent</i>
3	CT Quality Control	Phantom for image quality tests of CT scanners including modules for alignment and geometry, high contrast resolution, low contrast resolution, spatial uniformity and noise, and MTF with slide width	1	<i>The Phantom Laboratory CATPHAN 600, or equivalent</i>
4	Radiotherapy Quality Control	Electron density phantom to calibrate CT number against electron density, including titanium rod core insert and distance marker Insert, with at least eight different plugs of various electron densities in the range from lung to bone	1	<i>CIRS 062M, or equivalent</i>
5	Radiotherapy Quality Control	Cube phantom or rotating test plate that allows checking the position of linear accelerator cross-hairs, lasers and light field size at gantry angles 0o, 90o and 270o	2	<i>Sun Nuclear MultiPhan, or equivalent.</i>