

CARL SANDBURG COLLEGE
SPECIFICATIONS
Radiologic Technology Phantoms

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Minimum specifications for **Radiologic Technology Phantoms** are listed below and each bidder must state to the right of listed specifications the compliance details that pertain to the unit bid indication size, quality, and range of information as necessary to determine unit quality. Bidder's specifications must meet or exceed minimum specifications and must be listed in detail to be considered to be a qualified bidder. All specifications shall meet or exceed the following specifications.

The final selection will be made on factors including price, availability, service, etc., which we feel to be in the best interest of the college. Questions regarding these specifications should be directed to **Carrie Hawkinson, Vice President of Academic Services**, phone: 309-341-5360 or email chawkinson@sandburg.edu.

Radiologic Technology Phantoms

Please note deviations and/or exceptions from

1. Anatomically and Radiologically Correct

Opaque body that contains full skeleton and
abdominal organ replicas with no fill ports, including
but not limited to stomach, urinary bladder and right
and left kidneys. Also, lungs with a mass density similar to
inflated human lungs.

Designed for classroom use to demonstrate anatomy
without pathology, and to evaluate varied positioning
and imaging techniques.

2. Designed to image any clinical view

Realistic supine, lateral, and oblique positioning capabilities.

All major joints including shoulders, hips, knees and
elbows bend and/or rotate similar to human patients.

Cervical joints that allow for full head rotation.

3. Ease with maneuvering

Small size; 145-165cm long

Light weight; 40 -60kg

Detachable limbs and head for storage purposes.

Storage case for phantom included

4. Durable

Permits unlimited exposures to demonstrate
effects of changing technical factors/positions

5. **Warranty & support**

Must be delivered to campus on or before June 16, 2023.