Rigging System

**General description:**
IVCC is seeking a rigging system trainer to use in a college laboratory setting: This unit shall provide hands on application in simulating the moving of machines in an industrial setting. The ability to simulate moving equipment with varying shapes and asymmetry is required.

**Equipment specifications:**
1. Mobile beam-style gantry. Approximate size of 12” high, 131” long with a beam length of 144” and a dept of 71”.
2. Conforms to OSHA and CMAA standards
3. Heavy duty steel crane.
4. 110 volt electrics
5. one ton minimum capacity on gantry frame
6. Moveable with swivel casters and roller bearings
7. Pivoting support legs
8. Ability to store rigging parts with trainer

**Minimum applications required:**
1. Electric Wire Rope hoist and trolley
2. Block and tackle hoist
3. Hand chain hoist
4. Package to demonstrate loads and fixtures
5. Slings including wire rope, chain, fiber rope
6. Wedge socket roller pipes
7. Wood dolly
8. large and small cribbing blocks

**Curriculum requirements:**
1. Instructional curriculum which includes the fundamental of rigging practices including techniques to help students move and install machines safely.
2. Student learning activities
3. teachers assessment guide
4. installation manual