

Description of Equipment

The **HypoSurface** display system consists of three elements:

1. The Physical Display System:

- a. 10 (ten) 3ft x 11ft aluminium frames, each with 56 stainless steel pneumatic actuators and their manifold valves, the associated pipework and cabling, and a continuous metallic/rubber display surface. 2 sound exhaust mufflers, a variable pressure guage, and a stainless steel manifold box are included per frame.
- b. 10 (ten) re-usable transport cases to house these pneumatic frames.
- c. 6 (six) welded steel supports as armature for the frames, and the bolts to attach the pneumatic frames to them.
- d. Ballast tanks to attach to the steel supports to be filled with sand or water by the Lessee to stabilize the HypoSurface when operating (weight for each pneumatic frame = 250lbs)
- e. A detachable pneumatic pipe main that distributes air to all the installed frames that needs connecting after the HypoSurface is erected.

Lessee to provide: water or sand (ballast), labor for installation, unless it is expressly agreed in writing that the Lessor will provide these items and/or services.

2. The Control System:

- a. 1 (one) large centralized Control System in metal cabinet 6' 6" x 6' 6" x 2' 0" containing industrial PCUs (this outputs electricity to the pneumatic valves).
- b. 40 (forty) ancilliary high-resistance cables to connect the Control System to the Pneumatic Frames, complete with mutli-pin plugs
- c. 1 (one) User Interface PC Computer that contains the operating software, which is the hub of all interactive systems, plus ancilliary cabling for power, Ethernet, sensor input, etc.
- d. 1 (one) dedicated sound system, comprising a Mac G5 computer and suite of microphones and speakers
- e. 1 (one) dedicated movement interactivity system (proprietary), comprising a 2 Mac G5s and a suite of movement detectors and cameras.
- f. Control Console: a dedicated table and 3 chairs for the operating Technicians

Lessee to Provide: Mains 110v electricity with multiple outlets, Control Console and tables/chairs, unless it is expressly agreed in writing that the Lessor will provide these items. The Lessee will arrange for a suitable lighting system unless it is expressly agreed in writing that the Lessor will provide this.

3. Pneumatic System

- a. 1 (one) Diesel or Electrical Compressor (note: diesel compressors are noisier and need to be placed outside, well vented).
- b. 1 (one) Air Dryer (to eliminate condensate)
- c. 2 (two) compressed air Reservoirs with variable pressure gauges
- d. Ancillary pipework and connections to connect the Pneumatic System to the Physical Display System (note – compressor may be distant, and supply pipe needs to be larger than Main – 1 _” pipe)

Lessee to Provide: a, b, c and d should be leased by the *Lessee* from a reputable compressor rental agency unless it is expressly agreed in writing that the Lessor will provide these items. All power, whether diesel or electric, is to be provided by the Lessee.