

Science On a Sphere® Domestic Equipment List

(For Budget Estimates Only*)

Equipment is not the total cost of a complete SOS system - see message below

These cost estimates are for DOMESTIC installations only.

For INTERNATIONAL installation, additional shipping and other costs will apply.

| Description | Possible Supplier | Suggested Model (other parts may be substituted, but must be tested and certified to work) | Notes | Category | Qty | Estimated Unit Cost | Estimated Total |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------|-----|---------------------|-----------------|
| Sphere | BW Color | 68" sphere | Custom Sphere | Required | 1 | \$9,428 | \$9,428 |
| Sphere shipping crate -domestic | BW Color | | Wood Shipping Crate | Required | 1 | \$980 | \$980 |
| Sphere freight charge -domestic | BW Color | | Location dependent | Required | 1 | \$700 | \$700 |
| Dell Precision Workstation http://sos.noaa.gov/Getting_SOS/equipment_list.html#computers | | See URL | System Computer | Required | 1 | \$1,700 | \$1,700 |
| Video Projector http://sos.noaa.gov/Getting_SOS/equipment_list.html#projectors | Various | See URL | High Brightness Video Projectors | Required | 4 | \$4,500 | \$18,000 |
| NVIDIA GeForce video card http://sos.noaa.gov/Getting_SOS/equipment_list.html#videocard | NewEgg | See URL | In addition to stock Dell video card. | Required | 2 | \$150 | \$300 |
| DVI Extender http://sos.noaa.gov/Getting_SOS/equipment_list.html#extenders | NewEgg | See URL | For video cable runs | Required | 4 | \$400 | \$1,200 |
| USB Bluetooth Dongle | NewEgg | TRENDnet TBW-106UB | For SOS software key | Required | 2 | \$20 | \$40 |
| Apple iPad Remote Control http://sos.noaa.gov/Getting_SOS/equipment_list.html#ipad | Apple | iPad (\$500) or iPad Mini (\$330) or iPod Touch (\$230) | Remote control alternative to the Wii. | Required | 1 | \$330 | \$330 |
| Wi-Fi Router | Various | Linksys EA4500 | Needed to handle iPad connection and network connection to computers. | Required | 1 | \$100 | \$100 |
| Cables - Video, Network, Audio | CablesToGo | Various | Computer interconnect. | Required | 1 | \$400 | \$400 |
| 8 Port Gigabit Network Switch | NewEgg | Netgear GS108 | High speed computer interconnect. | Required | 1 | \$100 | \$100 |
| 4 Port USB KVM Switch W/cables | CDW | ATEN CS-1764A | For management of display systems | Required | 1 | \$260 | \$260 |
| LCD Monitor 21-23inch | Various | Dell S2340L | For system control and management | Required | 1 | \$250 | \$250 |
| Laser Level | Home Depot | Bosch GLL2-10 Cross Line Self Leveling Laser Level | For projector alignment | Required | 1 | \$110 | \$110 |
| Domestic shipping charges from site to NOAA (computers installation material) | Various | | Location dependent | Required | 1 | \$500 | \$500 |
| Generic Projector Mounting | Various | Various (e.g. Chief or Premier) | Room dependent | Required | 4 | \$400 | \$1,600 |
| UPS | Various | APC BR1500G | For Computers | Site Config | 2 | \$200 | \$400 |
| Generic Audio System http://sos.noaa.gov/Getting_SOS/equipment_list.html/#audio | Various | See URL | Mixer / Speakers / Wireless Mic. Site may use existing | Required | 1 | \$1,940 | \$1,940 |
| Hot Spare Components | | | | | | | |
| Dell Precision Workstation http://sos.noaa.gov/Getting_SOS/equipment_list.html#computers | Dell | See URL | Spare. Can be used for content development | Required | 1 | \$1,700 | \$1,700 |
| NVIDIA GeForce video card http://sos.noaa.gov/Getting_SOS/equipment_list.html/#videocard | NewEgg | See URL | In addition to stock Dell video card. | Required | 2 | \$150 | \$300 |
| Video Projector http://sos.noaa.gov/Getting_SOS/equipment_list.html/#projectors | Various | See URL | Backup projector | Required | 1 | \$4,500 | \$4,500 |

Grand Total

\$44,838**

Modified: 6/2016

***NOTE: NOAA does not require the purchase of these exact brand names and parts, however, only the brands and models listed have been tested and therefore we can only guarantee a fully functional system built from these components.**

****This is the estimated equipment portion of complete SOS system cost. Please contact sos.qsd@noaa.gov for the cost of the complete SOS system including the basic system cost and installation.**