

Salient Characteristics Specifications Attachment

If providing an alternate offer (brand name, Planar – reference solicitation NNK15555702Q for exact parts, as well as the quantities), please ensure that your quotation meets the following specifications:

- Panel Type: LCD
- 24/7 Rated: Yes
- Diagonal Measurement: 46" or greater
- Aspect Ratio: 16:9
- Native Resolution: 1920 x 1080 or greater
- Tiled Bezel Width: 7 mm or smaller
- Brightness: 450 nits or greater
- Response Type: 8 ms or faster
- Contrast Ratio: 3500:1 or greater
- Viewing Angle: 178 degrees or greater
- Mounted Depth: 4.5" screen front to wall or thinner
- Serviceability: Mounting System must allow for individual panel servicing without being removed from wall
- Fan: Fanless Displays
- Heat Load: 440 BTU per hour or less at full brightness
- Power Consumption: 143 watts per display or lower
- Weight: 48 pounds or less per display
- Touch: Upgradeable to Touch at future date
- Cosmetic Trim
- Power Supply: Rack mounted power supply remote from display
- Video Wall Controller Functionality: Rack Mounted remote from display. All features of Planar Quad Controller or better
- Mounting frame and all associated hardware/cables, including rack.

Please include installation labor and engineering drawings (site survey of the installation).

Additional Notes: A high end video wall controller is not needed as there are only two use cases. 1) Visiting researchers plug in their laptop (hdmi or vga) and their desktop gets scaled up across all 9 screens. 2) We have a High Performance PC (dvi) with multiple GPUs and 9 independent outputs, one for each of the 9 screens. Distance from the PC to video wall is 15 ft or less. NASA is under the impression that a Planar solution with Quad Controllers is a cost effective way to achieve this, but NASA is open to other options.