ATTACHMENT 1
NNK14516099Q

3-D Printer Specifications, 3DSystems ProJet 660pro, or Equal:

Salient Characteristics

- Product Size, Build Volume, Build Speed (Minimum Acceptable):
  - 10 inches by 15 inches by 8 inches or at least 1,200 cubic inches
  - 1 inch per hour (powder bed) or equal for other technologies
- Resolution:
  - Color print resolution, 500 x500 dots per inch or better
  - Item feature resolution, 1/250 inch x1/250 inch
- Product Color:
  - Full color, equal to a 4 color ink jet printer (full Cyan, Magenta, Yellow, Black)
  - Colors produced without operator changing media, ink, products or materials
- Environment:
  - Office Environment, 120 v or 240 v power (15 amp), office air conditioning
- Model Material, Options:
  - Base product with option to post-process the model if additional durability is required. This process is not expected to be automated.
- Operations Features:
  - Includes cleaning station, integrated to reduce debris
  - Automated Material Recycling, if material can be recycled
  - Automatic cleaning of build platform area
  - All materials internal
  - Remote notification of issues or completion
  - USB or Ethernet Interface
  - Includes all required software for operation
  - Required data formats:
    - STL – Stereo Lithography
    - 3DS – 3 D Studio
    - VRML – Virtual Reality Modeling Language
    - PLY – Polygon File Format
    - FBX – Film Box
    - ZPR – Z Corp File Format
- Shipping:
  - To Kennedy Space Center (FOB Destination)
- Recommended Start-Up Supplies
  - To include materials and hardeners for initial operation.
  - Initial, on site, User Orientation and Training
  - 1 year maintenance contract, with priced options for years 2 through 5
- Certifications:
  - Safety Testing performed by an OSHA (Occupational Safety and Health Administration) lab. https://www.osha.gov/dts/otpca/nrtl/index.html