

Statement Of Work (SOW)

1. Objective & Requirements:

2. Characteristics, Scopes, and Specs:

- 1 Tool room lathe with the following:
 - **Key Specs**
 - LED work light
 - Inch-metric dual dials
 - Inch-metric gearbox
 - Capacity of 11" swing x 18"cc
 - Hardened and Ground Dovetail bed plate
 - 5HP spindle motor and VFD drive
 - Digital spindle speed selector
 - 4-degree taper nose
 - Additional Options
 - Acu-rite 203 DRO
 - 6" 3-jaw chuck with backplate, buck chuck adjust-tru style
 - Albrecht keyless precision drill chuck with 2MT
 - Aloris AXA#1 toolset with 6 various holders and standard AXA toolpost
 - HARDINGE 5C collet set, 1/32" (33 pieces)
 - Steady rest
 - Taper attachment
 - Characteristics
 - Reliable and maintainable
 - Fit into fabrication shop
 - Meet floor loading limit of fabrication shop
 - Sturdy frame to handle forces of regular lathe operation
 - Standard mode of operation for a tool room lathe

3. Place of Performance:

- NASA Armstrong Flight Research Center at Edwards Air Force Base

4. Period of Performance:

- 90 days lead time after contract award